Examples of Kummer extensions over the rational function field

by Y. Lee and J. Yoo.

We list some Kummer extensions K over $k = \mathbb{F}_q(T)$ of extension degree ℓ whose divisor class numbers are not divisible by the extension degree ℓ. Furthermore, we give some examples of Kummer extensions $K_n = k(\sqrt[\ell]{P_n(T)})$ whose divisor class numbers are divisible by ℓ, where $P_n(T) = P_0(T^{m^n})$, α is a root of $P_0(T) \in \overline{\mathbb{F}}_q$, $Q = q^{\deg P_0}$, and m is a prime which satisfies the followings:

(i) $\alpha \notin (\mathbb{F}_q)^m$;
(ii) $m \mid Q - 1$.

We use the following notation.

Notation

q	a prime power
ℓ	a prime divisor of $q-1$
$P_i = P_i(T)$	monic irreducible polynomial in $\mathbb{F}_q[T]$ for every i
$Q(T)$	$aP_1P_2\cdots P_t$, where $a \in \mathbb{F}_q^*$
$k = \mathbb{F}_q(T)$	the rational function field
$K = k(\sqrt[\ell]{Q(T)})$	a Kummer extension of extension degree ℓ
t	the number of finite preims of k which are ramified in K
∞	the infinite prime of k
g	the genus of K
d_i	the degree of $P_i(T)$ for every i with $1 \le i \le t$
δ	the degree of $Q(T)$
h_K	the divisor class number of K
$k(\Lambda_P)$	the Pth cyclotomic function field
$k(\Lambda_P)^+$	the maximal real subfield of $k(\Lambda_P)$

(i) ∞ is totally ramified

TABLE 1. Divisor class numbers of Kummer extensions with $\ell = 2$

q	δ	$Q(T)$	g	h_K
3	3	T^3+2T+2	1	$1 \equiv 1 \pmod 2$
		T^3+T^2+2		$3 \equiv 1 \pmod 2$
		T^3+T^2+T+2		
		T^3+T^2+2T+1		$5 \equiv 1 \pmod 2$
		T^3+2T^2+1		
		T^3+2T^2+T+1		
		T^3+2T^2+2T+2		
		T^3+2T+1		$7 \equiv 1 \pmod 2$
5	5	T^5+4T+1	2	71
		T^5+4T+2		$11 \equiv 1 \pmod 2$
		T^5+4T+3		$11 \equiv 1 \pmod 2$
		T^5+4T+4		$71 \equiv 1 \pmod 2$
		T^5+T^2+2		$25 \equiv 1 \pmod 2$
		T^5+T^2+T+4		$25 \equiv 1 \pmod 2$
		T^5+T^2+2T+4		$25 \equiv 1 \pmod 2$
		T^5+T^2+3T+2		$25 \equiv 1 \pmod 2$
		T^5+T^2+4T+3		$25 \equiv 1 \pmod 2$
		T^5+2T^2+1		$7 \equiv 1 \pmod 2$
		T^5+2T^2+T+2		$37 \equiv 1 \pmod 2$
		T^5+2T^2+2T+2		$37 \equiv 1 \pmod 2$
		T^5+2T^2+3T+1		$37 \equiv 1 \pmod 2$
		T^5+2T^2+4T+4		$37 \equiv 1 \pmod 2$
		T^5+3T^2+4		$37 \equiv 1 \pmod 2$
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		T^5+T^3+2T+2		$23 \equiv 1 \pmod 2$
		T^5+T^3+2T+3		$23 \equiv 1 \pmod 2$
		T^5+T^3+3T+2		$15 \equiv 1 \pmod 2$
		T^5+T^3+3T+3		$15 \equiv 1 \pmod 2$
		$T^5+T^3+T^2+3$		$15 \equiv 1 \pmod 2$
		$T^5+T^3+T^2+4$		$15 \equiv 1 \pmod 2$
		$T^5+T^3+T^2+4T+1$		$23 \equiv 1 \pmod 2$
		$T^5+T^3+T^2+4T+2$		$23 \equiv 1 \pmod 2$
		$T^5+T^3+2T^2+3$		$23 \equiv 1 \pmod 2$
		$T^5+T^3+2T^2+4$		$23 \equiv 1 \pmod 2$
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		$T^5+T^3+4T^2+4T+4$		$23\equiv 1 \pmod 2$
		T^5+2T^3+1		$37\equiv 1 \pmod 2$
		T^5+2T^3+4		$37\equiv 1 \pmod 2$
		T^5+2T^3+T+2		$19\equiv 1 \pmod 2$
		T^5+2T^3+T+3		$19\equiv 1 \pmod 2$
		T^5+2T^3+2T+1		$51\equiv 1 \pmod 2$
		T^5+2T^3+2T+4		$51\equiv 1 \pmod 2$
		$T^5+2T^3+T^2+T+2$		$37\equiv 1 \pmod 2$
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		$T^5+2T^3+T^2+3T+1$		$51\equiv 1 \pmod 2$
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		$T^5+T^4+3T^3+4T^2+2T+2$		$35\equiv 1 \pmod 2$
		$T^5+T^4+3T^3+4T^2+3T+4$		$35\equiv 1 \pmod 2$
		$T^5+T^4+4T^3+1$		$17\equiv 1 \pmod 2$
		$T^5+T^4+4T^3+T+1$		$31\equiv 1 \pmod 2$
		$T^5+T^4+4T^3+T+2$		$21\equiv 1 \pmod 2$
		$T^5+T^4+4T^3+T+4$		$71\equiv 1 \pmod 2$
		$T^5+T^4+4T^3+2T+4$		$15\equiv 1 \pmod 2$
		$T^5+T^4+4T^3+3T+3$		$39\equiv 1 \pmod 2$
		$T^5+T^4+4T^3+4T+4$		$33\equiv 1 \pmod 2$
		$T^5+T^4+4T^3+T^2+2$		$35\equiv 1 \pmod 2$
		$T^5+T^4+4T^3+T^2+3T+2$		$15\equiv 1 \pmod 2$
		$T^5+T^4+4T^3+T^2+4T+1$		$35\equiv 1 \pmod 2$
		$T^5+T^4+4T^3+2T^2+1$		$69\equiv 1 \pmod 2$
		$T^5+T^4+4T^3+2T^2+4$		$29\equiv 1 \pmod 2$
		$T^5+T^4+4T^3+2T^2+3T+3$		$17\equiv 1 \pmod 2$
		$T^5+T^4+4T^3+2T^2+4T+2$		$33\equiv 1 \pmod 2$
		$T^5+T^4+4T^3+3T^2+T+4$		$31\equiv 1 \pmod 2$
		$T^5+T^4+4T^3+3T^2+2T+1$		$23\equiv 1 \pmod 2$
		$T^5+T^4+4T^3+3T^2+2T+2$		$13\equiv 1 \pmod 2$
		$T^5+T^4+4T^3+3T^2+3T+1$		$35\equiv 1 \pmod 2$
		$T^5+T^4+4T^3+3T^2+4T+3$		$27\equiv 1 \pmod 2$
		$T^5+T^4+4T^3+4T^2+1$		$55\equiv 1 \pmod 2$
		$T^5+T^4+4T^3+4T^2+3$		$15\equiv 1 \pmod 2$
		$T^5+T^4+4T^3+4T^2+2T+4$		$31\equiv 1 \pmod 2$
		$T^5+T^4+4T^3+4T^2+3T+1$		$29\equiv 1 \pmod 2$

q	δ	$Q(T)$	g	h_K
5	5	$T^5+T^4+4T^3+4T^2+3T+4$	2	$49 \equiv 1 \pmod 2$
		$T^5+T^4+4T^3+4T^2+4T+2$		$27 \equiv 1 \pmod 2$
		T^5+2T^4+3		$23 \equiv 1 \pmod 2$
		T^5+2T^4+T+3		$23 \equiv 1 \pmod 2$
		T^5+2T^4+4T+2		$51 \equiv 1 \pmod 2$
		$T^5+2T^4+T^2+4$		$23 \equiv 1 \pmod 2$
		$T^5+2T^4+T^2+T+1$		$39 \equiv 1 \pmod 2$
		$T^5+2T^4+T^2+3T+4$		$19 \equiv 1 \pmod 2$
		$T^5+2T^4+T^2+4T+1$		$35 \equiv 1 \pmod 2$
		$T^5+2T^4+T^2+4T+3$		$49 \equiv 1 \pmod 2$
		$T^5+2T^4+2T^2+1$		$51 \equiv 1 \pmod 2$
		$T^5+2T^4+2T^2+T+2$		$27 \equiv 1 \pmod 2$
		$T^5+2T^4+2T^2+2T+2$		$21 \equiv 1 \pmod 2$
		$T^5+2T^4+2T^2+3T+4$		$29 \equiv 1 \pmod 2$
		$T^5+2T^4+2T^2+4T+2$		$19 \equiv 1 \pmod 2$
		$T^5+2T^4+2T^2+4T+3$		$11 \equiv 1 \pmod 2$
		$T^5+2T^4+2T^2+4T+4$		$33 \equiv 1 \pmod 2$
		$T^5+2T^4+3T^2+2T+1$		$53 \equiv 1 \pmod 2$
		$T^5+2T^4+3T^2+3T+2$		$21 \equiv 1 \pmod 2$
		$T^5+2T^4+3T^2+4T+3$		$9 \equiv 1 \pmod 2$
		$T^5+2T^4+3T^2+4T+4$		$41 \equiv 1 \pmod 2$
		$T^5+2T^4+4T^2+1$		$27 \equiv 1 \pmod 2$
		$T^5+2T^4+4T^2+2$		$19 \equiv 1 \pmod 2$
		$T^5+2T^4+4T^2+2T+4$		$19 \equiv 1 \pmod 2$
		$T^5+2T^4+4T^2+3T+1$		$41 \equiv 1 \pmod 2$
		$T^5+2T^4+4T^2+3T+2$		$13 \equiv 1 \pmod 2$
		$T^5+2T^4+4T^2+4T+1$		$39 \equiv 1 \pmod 2$
		$T^5+2T^4+T^3+2$		$29 \equiv 1 \pmod 2$
		$T^5+2T^4+T^3+T+2$		$19 \equiv 1 \pmod 2$
		$T^5+2T^4+T^3+T+3$		$11 \equiv 1 \pmod 2$
		$T^5+2T^4+T^3+T+4$		$33 \equiv 1 \pmod 2$
		$T^5+2T^4+T^3+2T+3$		$51 \equiv 1 \pmod 2$
		$T^5+2T^4+T^3+3T+1$		$27 \equiv 1 \pmod 2$
		$T^5+2T^4+T^3+4T+3$		$21 \equiv 1 \pmod 2$
		$T^5+2T^4+T^3+T^2+2$		$9 \equiv 1 \pmod 2$
		$T^5+2T^4+T^3+T^2+3$		$41 \equiv 1 \pmod 2$
		$T^5+2T^4+T^3+T^2+3T+1$		$53 \equiv 1 \pmod 2$
		$T^5+2T^4+T^3+T^2+4T+4$		$21 \equiv 1 \pmod 2$
		$T^5+2T^4+T^3+2T^2+1$		$27 \equiv 1 \pmod 2$
		$T^5+2T^4+T^3+2T^2+2$		$19 \equiv 1 \pmod 2$
		$T^5+2T^4+T^3+2T^2+2T+3$		$19 \equiv 1 \pmod 2$
		$T^5+2T^4+T^3+2T^2+3T+2$		$41 \equiv 1 \pmod 2$
		$T^5+2T^4+T^3+2T^2+3T+3$		$13 \equiv 1 \pmod 2$
		$T^5+2T^4+T^3+2T^2+4T+4$		$39 \equiv 1 \pmod 2$
		$T^5+2T^4+T^3+3T^2+4$		$23 \equiv 1 \pmod 2$
		$T^5+2T^4+T^3+3T^2+3T+4$		$51 \equiv 1 \pmod 2$
		$T^5+2T^4+T^3+3T^2+4T+2$		$23 \equiv 1 \pmod 2$
		$T^5+2T^4+T^3+4T^2+T+3$		$19 \equiv 1 \pmod 2$
		$T^5+2T^4+T^3+4T^2+2T+2$		$35 \equiv 1 \pmod 2$
		$T^5+2T^4+T^3+4T^2+2T+4$		$49 \equiv 1 \pmod 2$
		$T^5+2T^4+T^3+4T^2+3T+2$		$23 \equiv 1 \pmod 2$
		$T^5+2T^4+T^3+4T^2+4T+1$		$39 \equiv 1 \pmod 2$

q	δ	$Q(T)$	g	h_K
5	5	$T^5+2T^4+2T^3+3$	2	$9\equiv 1 \pmod 2$
		$T^5+2T^4+2T^3+4$		$41\equiv 1 \pmod 2$
		$T^5+2T^4+2T^3+3T+3$		$53\equiv 1 \pmod 2$
		$T^5+2T^4+2T^3+4T+3$		$21\equiv 1 \pmod 2$
		$T^5+2T^4+2T^3+T^2+T+2$		$19\equiv 1 \pmod 2$
		$T^5+2T^4+2T^3+T^2+2T+3$		$41\equiv 1 \pmod 2$
		$T^5+2T^4+2T^3+T^2+2T+4$		$13\equiv 1 \pmod 2$
		$T^5+2T^4+2T^3+T^2+3T+2$		$39\equiv 1 \pmod 2$
		$T^5+2T^4+2T^3+T^2+4T+1$		$27\equiv 1 \pmod 2$
		$T^5+2T^4+2T^3+T^2+4T+2$		$19\equiv 1 \pmod 2$
		$T^5+2T^4+2T^3+2T^2+T+4$		$51\equiv 1 \pmod 2$
		$T^5+2T^4+2T^3+2T^2+2T+4$		$23\equiv 1 \pmod 2$
		$T^5+2T^4+2T^3+2T^2+3T+3$		$23\equiv 1 \pmod 2$
		$T^5+2T^4+2T^3+3T^2+1$		$23\equiv 1 \pmod 2$
		$T^5+2T^4+2T^3+3T^2+T+2$		$39\equiv 1 \pmod 2$
		$T^5+2T^4+2T^3+3T^2+3T+3$		$19\equiv 1 \pmod 2$
		$T^5+2T^4+2T^3+3T^2+4T+1$		$49\equiv 1 \pmod 2$
		$T^5+2T^4+2T^3+3T^2+4T+4$		$35\equiv 1 \pmod 2$
		$T^5+2T^4+2T^3+4T^2+3$		$21\equiv 1 \pmod 2$
		$T^5+2T^4+2T^3+4T^2+T+4$		$29\equiv 1 \pmod 2$
		$T^5+2T^4+2T^3+4T^2+2T+1$		$19\equiv 1 \pmod 2$
		$T^5+2T^4+2T^3+4T^2+2T+2$		$11\equiv 1 \pmod 2$
		$T^5+2T^4+2T^3+4T^2+2T+3$		$33\equiv 1 \pmod 2$
		$T^5+2T^4+2T^3+4T^2+3T+4$		$51\equiv 1 \pmod 2$
		$T^5+2T^4+2T^3+4T^2+4T+4$		$27\equiv 1 \pmod 2$
		$T^5+2T^4+3T^3+T+4$		$53\equiv 1 \pmod 2$
		$T^5+2T^4+3T^3+2T+1$		$21\equiv 1 \pmod 2$
		$T^5+2T^4+3T^3+3T+3$		$9\equiv 1 \pmod 2$
		$T^5+2T^4+3T^3+3T+4$		$41\equiv 1 \pmod 2$
		$T^5+2T^4+3T^3+T^2+2$		$39\equiv 1 \pmod 2$
		$T^5+2T^4+3T^3+T^2+T+3$		$27\equiv 1 \pmod 2$
		$T^5+2T^4+3T^3+T^2+T+4$		$19\equiv 1 \pmod 2$
		$T^5+2T^4+3T^3+T^2+3T+3$		$19\equiv 1 \pmod 2$
		$T^5+2T^4+3T^3+T^2+4T+1$		$41\equiv 1 \pmod 2$
		$T^5+2T^4+3T^3+T^2+4T+2$		$13\equiv 1 \pmod 2$
		$T^5+2T^4+3T^3+2T^2+2T+4$		$51\equiv 1 \pmod 2$
		$T^5+2T^4+3T^3+2T^2+3T+1$		$23\equiv 1 \pmod 2$
		$T^5+2T^4+3T^3+2T^2+4T+2$		$23\equiv 1 \pmod 2$
		$T^5+2T^4+3T^3+3T^2+3$		$23\equiv 1 \pmod 2$
		$T^5+2T^4+3T^3+3T^2+T+1$		$39\equiv 1 \pmod 2$
		$T^5+2T^4+3T^3+3T^2+3T+1$		$19\equiv 1 \pmod 2$
		$T^5+2T^4+3T^3+3T^2+4T+1$		$49\equiv 1 \pmod 2$
		$T^5+2T^4+3T^3+3T^2+4T+4$		$35\equiv 1 \pmod 2$
		$T^5+2T^4+3T^3+4T^2+2$		$29\equiv 1 \pmod 2$
		$T^5+2T^4+3T^3+4T^2+T+1$		$19\equiv 1 \pmod 2$
		$T^5+2T^4+3T^3+4T^2+T+2$		$11\equiv 1 \pmod 2$
		$T^5+2T^4+3T^3+4T^2+T+3$		$33\equiv 1 \pmod 2$
		$T^5+2T^4+3T^3+4T^2+2T+1$		$51\equiv 1 \pmod 2$
		$T^5+2T^4+3T^3+4T^2+3T+3$		$27\equiv 1 \pmod 2$
		$T^5+2T^4+3T^3+4T^2+4T+4$		$21\equiv 1 \pmod 2$
		$T^5+2T^4+4T^3+1$		$21\equiv 1 \pmod 2$
		$T^5+2T^4+4T^3+T+1$		$29\equiv 1 \pmod 2$

q	δ	$Q(T)$	g	h_K
5	5	$T^5+2T^4+4T^3+2T+2$	2	$19 \equiv 1 \pmod 2$
		$T^5+2T^4+4T^3+2T+3$		$11 \equiv 1 \pmod 2$
		$T^5+2T^4+4T^3+2T+4$		$33 \equiv 1 \pmod 2$
		$T^5+2T^4+4T^3+3T+4$		$51 \equiv 1 \pmod 2$
		$T^5+2T^4+4T^3+4T+3$		$27 \equiv 1 \pmod 2$
		$T^5+2T^4+4T^3+T^2+T+4$		$53 \equiv 1 \pmod 2$
		$T^5+2T^4+4T^3+T^2+2T+3$		$21 \equiv 1 \pmod 2$
		$T^5+2T^4+4T^3+T^2+3T+2$		$9 \equiv 1 \pmod 2$
		$T^5+2T^4+4T^3+T^2+3T+3$		$41 \equiv 1 \pmod 2$
		$T^5+2T^4+4T^3+2T^2+2$		$27 \equiv 1 \pmod 2$
		$T^5+2T^4+4T^3+2T^2+3$		$19 \equiv 1 \pmod 2$
		$T^5+2T^4+4T^3+2T^2+2T+1$		$19 \equiv 1 \pmod 2$
		$T^5+2T^4+4T^3+2T^2+3T+1$		$41 \equiv 1 \pmod 2$
		$T^5+2T^4+4T^3+2T^2+3T+2$		$13 \equiv 1 \pmod 2$
		$T^5+2T^4+4T^3+2T^2+4T+4$		$39 \equiv 1 \pmod 2$
		$T^5+2T^4+4T^3+3T^2+4$		$51 \equiv 1 \pmod 2$
		$T^5+2T^4+4T^3+3T^2+T+3$		$23 \equiv 1 \pmod 2$
		$T^5+2T^4+4T^3+3T^2+2T+1$		$23 \equiv 1 \pmod 2$
		$T^5+2T^4+4T^3+4T^2+2$		$19 \equiv 1 \pmod 2$
		$T^5+2T^4+4T^3+4T^2+T+2$		$35 \equiv 1 \pmod 2$
		$T^5+2T^4+4T^3+4T^2+T+4$		$49 \equiv 1 \pmod 2$
		$T^5+2T^4+4T^3+4T^2+2T+3$		$23 \equiv 1 \pmod 2$
		$T^5+2T^4+4T^3+4T^2+3T+3$		$39 \equiv 1 \pmod 2$
		T^5+3T^4+2		$23 \equiv 1 \pmod 2$
		T^5+3T^4+T+2		$23 \equiv 1 \pmod 2$
		T^5+3T^4+4T+3		$51 \equiv 1 \pmod 2$
		$T^5+3T^4+T^2+3$		$19 \equiv 1 \pmod 2$
		$T^5+3T^4+T^2+4$		$27 \equiv 1 \pmod 2$
		$T^5+3T^4+T^2+2T+1$		$19 \equiv 1 \pmod 2$
		$T^5+3T^4+T^2+3T+3$		$13 \equiv 1 \pmod 2$
		$T^5+3T^4+T^2+3T+4$		$41 \equiv 1 \pmod 2$
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		$T^5+3T^4+2T^2+2T+4$		$53 \equiv 1 \pmod 2$
		$T^5+3T^4+2T^2+3T+3$		$21 \equiv 1 \pmod 2$
		$T^5+3T^4+2T^2+4T+1$		$41 \equiv 1 \pmod 2$
		$T^5+3T^4+2T^2+4T+2$		$9 \equiv 1 \pmod 2$
		$T^5+3T^4+3T^2+4$		$51 \equiv 1 \pmod 2$
		$T^5+3T^4+3T^2+T+3$		$27 \equiv 1 \pmod 2$
		$T^5+3T^4+3T^2+2T+3$		$21 \equiv 1 \pmod 2$
		$T^5+3T^4+3T^2+3T+1$		$29 \equiv 1 \pmod 2$
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		$T^5+3T^4+3T^2+4T+2$		$11 \equiv 1 \pmod 2$
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		$T^5+3T^4+4T^2+1$		$23 \equiv 1 \pmod 2$
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		$T^5+3T^4+4T^2+3T+1$		$19 \equiv 1 \pmod 2$
		$T^5+3T^4+4T^2+4T+2$		$49 \equiv 1 \pmod 2$
		$T^5+3T^4+4T^2+4T+4$		$35 \equiv 1 \pmod 2$
		$T^5+3T^4+T^3+3$		$29 \equiv 1 \pmod 2$
		$T^5+3T^4+T^3+T+1$		$33 \equiv 1 \pmod 2$
		$T^5+3T^4+T^3+T+2$		$11 \equiv 1 \pmod 2$
		$T^5+3T^4+T^3+T+3$		$19 \equiv 1 \pmod 2$

q	δ	$Q(T)$	g	h_K
5	5	$T^5+3T^4+T^3+2T+2$	2	$51\equiv 1 \pmod 2$
		$T^5+3T^4+T^3+3T+4$		$27\equiv 1 \pmod 2$
		$T^5+3T^4+T^3+4T+2$		$21\equiv 1 \pmod 2$
		$T^5+3T^4+T^3+T^2+T+2$		$19\equiv 1 \pmod 2$
		$T^5+3T^4+T^3+T^2+2T+1$		$49\equiv 1 \pmod 2$
		$T^5+3T^4+T^3+T^2+2T+3$		$35\equiv 1 \pmod 2$
		$T^5+3T^4+T^3+T^2+3T+3$		$23\equiv 1 \pmod 2$
		$T^5+3T^4+T^3+T^2+4T+4$		$39\equiv 1 \pmod 2$
		$T^5+3T^4+T^3+2T^2+1$		$23\equiv 1 \pmod 2$
		$T^5+3T^4+T^3+2T^2+3T+1$		$51\equiv 1 \pmod 2$
		$T^5+3T^4+T^3+2T^2+4T+3$		$23\equiv 1 \pmod 2$
		$T^5+3T^4+T^3+3T^2+3$		$19\equiv 1 \pmod 2$
		$T^5+3T^4+T^3+3T^2+4$		$27\equiv 1 \pmod 2$
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		$T^5+3T^4+T^3+3T^2+3T+2$		$13\equiv 1 \pmod 2$
		$T^5+3T^4+T^3+3T^2+3T+3$		$41\equiv 1 \pmod 2$
		$T^5+3T^4+T^3+3T^2+4T+1$		$39\equiv 1 \pmod 2$
		$T^5+3T^4+T^3+4T^2+2$		$41\equiv 1 \pmod 2$
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		$T^5+3T^4+T^3+4T^2+3T+4$		$53\equiv 1 \pmod 2$
		$T^5+3T^4+T^3+4T^2+4T+1$		$21\equiv 1 \pmod 2$
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		$T^5+3T^4+2T^3+4T+2$		$21\equiv 1 \pmod 2$
		$T^5+3T^4+2T^3+T^2+2$		$21\equiv 1 \pmod 2$
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		$T^5+3T^4+2T^3+T^2+2T+2$		$33\equiv 1 \pmod 2$
		$T^5+3T^4+2T^3+T^2+2T+3$		$11\equiv 1 \pmod 2$
		$T^5+3T^4+2T^3+T^2+2T+4$		$19\equiv 1 \pmod 2$
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		$T^5+3T^4+2T^3+2T^2+4T+4$		$49\equiv 1 \pmod 2$
		$T^5+3T^4+2T^3+3T^2+T+1$		$51\equiv 1 \pmod 2$
		$T^5+3T^4+2T^3+3T^2+2T+1$		$23\equiv 1 \pmod 2$
		$T^5+3T^4+2T^3+3T^2+3T+2$		$23\equiv 1 \pmod 2$
		$T^5+3T^4+2T^3+4T^2+T+3$		$19\equiv 1 \pmod 2$
		$T^5+3T^4+2T^3+4T^2+2T+1$		$13\equiv 1 \pmod 2$
		$T^5+3T^4+2T^3+4T^2+2T+2$		$41\equiv 1 \pmod 2$
		$T^5+3T^4+2T^3+4T^2+3T+3$		$39\equiv 1 \pmod 2$
		$T^5+3T^4+2T^3+4T^2+4T+3$		$19\equiv 1 \pmod 2$
		$T^5+3T^4+2T^3+4T^2+4T+4$		$27\equiv 1 \pmod 2$
		$T^5+3T^4+3T^3+T+1$		$53\equiv 1 \pmod 2$
		$T^5+3T^4+3T^3+2T+4$		$21\equiv 1 \pmod 2$
		$T^5+3T^4+3T^3+3T+1$		$41\equiv 1 \pmod 2$
		$T^5+3T^4+3T^3+3T+2$		$9\equiv 1 \pmod 2$
		$T^5+3T^4+3T^3+T^2+3$		$29\equiv 1 \pmod 2$
		$T^5+3T^4+3T^3+T^2+T+2$		$33\equiv 1 \pmod 2$

q	δ	$Q(T)$	g	h_K
5	5	$T^5+3T^4+3T^3+T^2+T+3$	2	$11\equiv 1 \pmod 2$
		$T^5+3T^4+3T^3+T^2+T+4$		$19\equiv 1 \pmod 2$
		$T^5+3T^4+3T^3+T^2+2T+4$		$51\equiv 1 \pmod 2$
		$T^5+3T^4+3T^3+T^2+3T+2$		$27\equiv 1 \pmod 2$
		$T^5+3T^4+3T^3+T^2+4T+1$		$21\equiv 1 \pmod 2$
		$T^5+3T^4+3T^3+2T^2+2$		$23\equiv 1 \pmod 2$
		$T^5+3T^4+3T^3+2T^2+T+4$		$39\equiv 1 \pmod 2$
		$T^5+3T^4+3T^3+2T^2+3T+4$		$19\equiv 1 \pmod 2$
		$T^5+3T^4+3T^3+2T^2+4T+1$		$35\equiv 1 \pmod 2$
		$T^5+3T^4+3T^3+2T^2+4T+4$		$49\equiv 1 \pmod 2$
		$T^5+3T^4+3T^3+3T^2+2T+1$		$51\equiv 1 \pmod 2$
		$T^5+3T^4+3T^3+3T^2+3T+4$		$23\equiv 1 \pmod 2$
		$T^5+3T^4+3T^3+3T^2+4T+3$		$23\equiv 1 \pmod 2$
		$T^5+3T^4+3T^3+4T^2+3$		$39\equiv 1 \pmod 2$
		$T^5+3T^4+3T^3+4T^2+T+1$		$19\equiv 1 \pmod 2$
		$T^5+3T^4+3T^3+4T^2+T+2$		$27\equiv 1 \pmod 2$
		$T^5+3T^4+3T^3+4T^2+3T+2$		$19\equiv 1 \pmod 2$
		$T^5+3T^4+3T^3+4T^2+4T+3$		$13\equiv 1 \pmod 2$
		$T^5+3T^4+3T^3+4T^2+4T+4$		$41\equiv 1 \pmod 2$
		$T^5+3T^4+4T^3+4$		$21\equiv 1 \pmod 2$
		$T^5+3T^4+4T^3+T+4$		$29\equiv 1 \pmod 2$
		$T^5+3T^4+4T^3+2T+1$		$33\equiv 1 \pmod 2$
		$T^5+3T^4+4T^3+2T+2$		$11\equiv 1 \pmod 2$
		$T^5+3T^4+4T^3+2T+3$		$19\equiv 1 \pmod 2$
		$T^5+3T^4+4T^3+3T+1$		$51\equiv 1 \pmod 2$
		$T^5+3T^4+4T^3+4T+2$		$27\equiv 1 \pmod 2$
		$T^5+3T^4+4T^3+T^2+3$		$19\equiv 1 \pmod 2$
		$T^5+3T^4+4T^3+T^2+T+1$		$49\equiv 1 \pmod 2$
		$T^5+3T^4+4T^3+T^2+T+3$		$35\equiv 1 \pmod 2$
		$T^5+3T^4+4T^3+T^2+2T+2$		$23\equiv 1 \pmod 2$
		$T^5+3T^4+4T^3+T^2+3T+2$		$39\equiv 1 \pmod 2$
		$T^5+3T^4+4T^3+2T^2+1$		$51\equiv 1 \pmod 2$
		$T^5+3T^4+4T^3+2T^2+T+2$		$23\equiv 1 \pmod 2$
		$T^5+3T^4+4T^3+2T^2+2T+4$		$23\equiv 1 \pmod 2$
		$T^5+3T^4+4T^3+3T^2+2$		$19\equiv 1 \pmod 2$
		$T^5+3T^4+4T^3+3T^2+3$		$27\equiv 1 \pmod 2$
		$T^5+3T^4+4T^3+3T^2+2T+4$		$19\equiv 1 \pmod 2$
		$T^5+3T^4+4T^3+3T^2+3T+3$		$13\equiv 1 \pmod 2$
		$T^5+3T^4+4T^3+3T^2+3T+4$		$41\equiv 1 \pmod 2$
		$T^5+3T^4+4T^3+3T^2+4T+1$		$39\equiv 1 \pmod 2$
		$T^5+3T^4+4T^3+4T^2+T+1$		$53\equiv 1 \pmod 2$
		$T^5+3T^4+4T^3+4T^2+2T+2$		$21\equiv 1 \pmod 2$
		$T^5+3T^4+4T^3+4T^2+3T+2$		$41\equiv 1 \pmod 2$
		$T^5+3T^4+4T^3+4T^2+3T+3$		$9\equiv 1 \pmod 2$
		T^5+4T^4+1		$35\equiv 1 \pmod 2$
		T^5+4T^4+T+1		$35\equiv 1 \pmod 2$
		T^5+4T^4+4T+4		$15\equiv 1 \pmod 2$
		$T^5+4T^4+T^2+2$		$15\equiv 1 \pmod 2$
		$T^5+4T^4+T^2+T+4$		$39\equiv 1 \pmod 2$
		$T^5+4T^4+T^2+2T+4$		$33\equiv 1 \pmod 2$
		$T^5+4T^4+T^2+3T+3$		$17\equiv 1 \pmod 2$
		$T^5+4T^4+T^2+4T+1$		$71\equiv 1 \pmod 2$

q	δ	$Q(T)$	g	h_K
5	5	$T^5+4T^4+T^2+4T+3$	2	$21\equiv 1 \pmod 2$
		$T^5+4T^4+T^2+4T+4$		$31\equiv 1 \pmod 2$
		$T^5+4T^4+2T^2+2$		$15\equiv 1 \pmod 2$
		$T^5+4T^4+2T^2+4$		$55\equiv 1 \pmod 2$
		$T^5+4T^4+2T^2+2T+3$		$31\equiv 1 \pmod 2$
		$T^5+4T^4+2T^2+3T+2$		$29\equiv 1 \pmod 2$
		$T^5+4T^4+2T^2+3T+4$		$49\equiv 1 \pmod 2$
		$T^5+4T^4+2T^2+4T+2$		$27\equiv 1 \pmod 2$
		$T^5+4T^4+3T^2+3$		$35\equiv 1 \pmod 2$
		$T^5+4T^4+3T^2+T+2$		$27\equiv 1 \pmod 2$
		$T^5+4T^4+3T^2+3T+3$		$31\equiv 1 \pmod 2$
		$T^5+4T^4+3T^2+4T+1$		$13\equiv 1 \pmod 2$
		$T^5+4T^4+3T^2+4T+2$		$23\equiv 1 \pmod 2$
		$T^5+4T^4+4T^2+2T+2$		$17\equiv 1 \pmod 2$
		$T^5+4T^4+4T^2+3T+4$		$33\equiv 1 \pmod 2$
		$T^5+4T^4+4T^2+4T+1$		$69\equiv 1 \pmod 2$
		$T^5+4T^4+4T^2+4T+3$		$29\equiv 1 \pmod 2$
		$T^5+4T^4+T^3+2$		$33\equiv 1 \pmod 2$
		$T^5+4T^4+T^3+T+2$		$17\equiv 1 \pmod 2$
		$T^5+4T^4+T^3+2T+1$		$71\equiv 1 \pmod 2$
		$T^5+4T^4+T^3+2T+3$		$21\equiv 1 \pmod 2$
		$T^5+4T^4+T^3+2T+4$		$31\equiv 1 \pmod 2$
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		$T^5+4T^4+T^3+4T+1$		$39\equiv 1 \pmod 2$
		$T^5+4T^4+T^3+T^2+1$		$55\equiv 1 \pmod 2$
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		$T^5+4T^4+T^3+T^2+2T+2$		$31\equiv 1 \pmod 2$
		$T^5+4T^4+T^3+T^2+3T+2$		$29\equiv 1 \pmod 2$
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		$T^5+4T^4+T^3+2T^2+2T+1$		$35\equiv 1 \pmod 2$
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		$T^5+4T^4+T^3+3T^2+3T+4$		$69\equiv 1 \pmod 2$
		$T^5+4T^4+T^3+4T^2+3$		$15\equiv 1 \pmod 2$
		$T^5+4T^4+T^3+4T^2+T+1$		$35\equiv 1 \pmod 2$
		$T^5+4T^4+T^3+4T^2+2T+2$		$35\equiv 1 \pmod 2$
		$T^5+4T^4+2T^3+T+3$		$17\equiv 1 \pmod 2$
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		$T^5+4T^4+2T^3+3T+3$		$29\equiv 1 \pmod 2$
		$T^5+4T^4+2T^3+T^2+2T+3$		$15\equiv 1 \pmod 2$
		$T^5+4T^4+2T^3+T^2+3T+2$		$35\equiv 1 \pmod 2$
		$T^5+4T^4+2T^3+T^2+4T+4$		$35\equiv 1 \pmod 2$
		$T^5+4T^4+2T^3+2T^2+4$		$17\equiv 1 \pmod 2$
		$T^5+4T^4+2T^3+2T^2+T+1$		$21\equiv 1 \pmod 2$
		$T^5+4T^4+2T^3+2T^2+T+2$		$31\equiv 1 \pmod 2$

q	δ	$Q(T)$	g	h_K
5	5	$T^5+4T^4+2T^3+2T^2+T+4$	2	$71\equiv 1 \pmod 2$
		$T^5+4T^4+2T^3+2T^2+2T+2$		$15\equiv 1 \pmod 2$
		$T^5+4T^4+2T^3+2T^2+3T+1$		$39\equiv 1 \pmod 2$
		$T^5+4T^4+2T^3+2T^2+4T+3$		$33\equiv 1 \pmod 2$
		$T^5+4T^4+2T^3+3T^2+4$		$27\equiv 1 \pmod 2$
		$T^5+4T^4+2T^3+3T^2+T+1$		$15\equiv 1 \pmod 2$
		$T^5+4T^4+2T^3+3T^2+T+3$		$55\equiv 1 \pmod 2$
		$T^5+4T^4+2T^3+3T^2+3T+1$		$31\equiv 1 \pmod 2$
		$T^5+4T^4+2T^3+3T^2+4T+2$		$29\equiv 1 \pmod 2$
		$T^5+4T^4+2T^3+3T^2+4T+4$		$49\equiv 1 \pmod 2$
		$T^5+4T^4+2T^3+4T^2+1$		$35\equiv 1 \pmod 2$
		$T^5+4T^4+2T^3+4T^2+T+2$		$27\equiv 1 \pmod 2$
		$T^5+4T^4+2T^3+4T^2+3T+2$		$31\equiv 1 \pmod 2$
		$T^5+4T^4+2T^3+4T^2+4T+2$		$13\equiv 1 \pmod 2$
		$T^5+4T^4+2T^3+4T^2+4T+3$		$23\equiv 1 \pmod 2$
		$T^5+4T^4+3T^3+1$		$69\equiv 1 \pmod 2$
		$T^5+4T^4+3T^3+3$		$29\equiv 1 \pmod 2$
		$T^5+4T^4+3T^3+3T+1$		$17\equiv 1 \pmod 2$
		$T^5+4T^4+3T^3+4T+1$		$33\equiv 1 \pmod 2$
		$T^5+4T^4+3T^3+T^2+T+3$		$15\equiv 1 \pmod 2$
		$T^5+4T^4+3T^3+T^2+2T+3$		$35\equiv 1 \pmod 2$
		$T^5+4T^4+3T^3+T^2+3T+1$		$35\equiv 1 \pmod 2$
		$T^5+4T^4+3T^3+2T^2+1$		$33\equiv 1 \pmod 2$
		$T^5+4T^4+3T^3+2T^2+T+3$		$17\equiv 1 \pmod 2$
		$T^5+4T^4+3T^3+2T^2+2T+1$		$21\equiv 1 \pmod 2$
		$T^5+4T^4+3T^3+2T^2+2T+2$		$31\equiv 1 \pmod 2$
		$T^5+4T^4+3T^3+2T^2+2T+4$		$71\equiv 1 \pmod 2$
		$T^5+4T^4+3T^3+2T^2+3T+3$		$15\equiv 1 \pmod 2$
		$T^5+4T^4+3T^3+2T^2+4T+3$		$39\equiv 1 \pmod 2$
		$T^5+4T^4+3T^3+3T^2+T+4$		$31\equiv 1 \pmod 2$
		$T^5+4T^4+3T^3+3T^2+2T+1$		$29\equiv 1 \pmod 2$
		$T^5+4T^4+3T^3+3T^2+2T+3$		$49\equiv 1 \pmod 2$
		$T^5+4T^4+3T^3+3T^2+3T+4$		$27\equiv 1 \pmod 2$
		$T^5+4T^4+3T^3+3T^2+4T+2$		$15\equiv 1 \pmod 2$
		$T^5+4T^4+3T^3+3T^2+4T+4$		$55\equiv 1 \pmod 2$
		$T^5+4T^4+3T^3+4T^2+2$		$35\equiv 1 \pmod 2$
		$T^5+4T^4+3T^3+4T^2+T+4$		$27\equiv 1 \pmod 2$
		$T^5+4T^4+3T^3+4T^2+3T+1$		$31\equiv 1 \pmod 2$
		$T^5+4T^4+3T^3+4T^2+4T+2$		$13\equiv 1 \pmod 2$
		$T^5+4T^4+3T^3+4T^2+4T+3$		$23\equiv 1 \pmod 2$
		$T^5+4T^4+4T^3+4$		$17\equiv 1 \pmod 2$
		$T^5+4T^4+4T^3+T+1$		$71\equiv 1 \pmod 2$
		$T^5+4T^4+4T^3+T+3$		$21\equiv 1 \pmod 2$
		$T^5+4T^4+4T^3+T+4$		$31\equiv 1 \pmod 2$
		$T^5+4T^4+4T^3+2T+1$		$15\equiv 1 \pmod 2$
		$T^5+4T^4+4T^3+3T+2$		$39\equiv 1 \pmod 2$
		$T^5+4T^4+4T^3+4T+1$		$33\equiv 1 \pmod 2$
		$T^5+4T^4+4T^3+T^2+2$		$15\equiv 1 \pmod 2$
		$T^5+4T^4+4T^3+T^2+4$		$55\equiv 1 \pmod 2$
		$T^5+4T^4+4T^3+T^2+2T+1$		$31\equiv 1 \pmod 2$
		$T^5+4T^4+4T^3+T^2+3T+1$		$49\equiv 1 \pmod 2$
		$T^5+4T^4+4T^3+T^2+3T+4$		$29\equiv 1 \pmod 2$

q	δ	$Q(T)$	g	h_K
5	5	$T^5+4T^4+4T^3+T^2+4T+3$	2	$27\equiv 1 \pmod 2$
		$T^5+4T^4+4T^3+2T^2+T+1$		$31\equiv 1 \pmod 2$
		$T^5+4T^4+4T^3+2T^2+2T+3$		$13\equiv 1 \pmod 2$
		$T^5+4T^4+4T^3+2T^2+2T+4$		$23\equiv 1 \pmod 2$
		$T^5+4T^4+4T^3+2T^2+3T+4$		$35\equiv 1 \pmod 2$
		$T^5+4T^4+4T^3+2T^2+4T+2$		$27\equiv 1 \pmod 2$
		$T^5+4T^4+4T^3+3T^2+1$		$29\equiv 1 \pmod 2$
		$T^5+4T^4+4T^3+3T^2+4$		$69\equiv 1 \pmod 2$
		$T^5+4T^4+4T^3+3T^2+3T+2$		$17\equiv 1 \pmod 2$
		$T^5+4T^4+4T^3+3T^2+4T+3$		$33\equiv 1 \pmod 2$
		$T^5+4T^4+4T^3+4T^2+3$		$35\equiv 1 \pmod 2$
		$T^5+4T^4+4T^3+4T^2+3T+3$		$15\equiv 1 \pmod 2$
		$T^5+4T^4+4T^3+4T^2+4T+4$		$35\equiv 1 \pmod 2$
3	5	T^5+2T^4+1 $T^5+T^4+T^2+T+1$ $T^5+T^3+2T^2+1$ $T^5+2T^4+2T^3+2$ $T^5+T^4+2T^3+T^2+T+1$ $T^5+2T^3+2T^2+2$	2	$17\equiv 1 \pmod 2$
		T^5+T^4+2 $T^5+2T^4+2T^2+T+2$ $T^5+T^3+T^2+2$ $T^5+T^4+2T^3+1$ $T^5+2T^3+T^2+1$ $T^5+2T^4+2T^3+2T^2+T+2$		$9\equiv 1 \pmod 2$
		T^5+2T^4+T+1 $T^5+T^4+T^2+2T+2$ $T^5+2T^3+2T^2+T+1$		$19\equiv 1 \pmod 2$
		T^5+T^4+T+2 $T^5+2T^4+2T^2+2T+1$ $T^5+2T^3+T^2+T+2$		$11\equiv 1 \pmod 2$
		T^5+2T+1 $T^5+2T^4+T^3+T^2+T+1$ $T^5+T^4+T^3+2T^2+T+1$		$29\equiv 1 \pmod 2$
		T^5+T^4+2T+1 $T^5+2T^4+2T^2+2$ $T^5+T^3+T^2+2T+2$ $T^5+T^4+2T^3+2T+2$ $T^5+2T^3+T^2+2T+2$ $T^5+2T^4+2T^3+2T^2+1$		$7\equiv 1 \pmod 2$
		T^5+2T+2 T^5+T^2+T+2 $T^5+T^4+T^3+T+1$ $T^5+2T^4+T^3+T^2+T+2$ $T^5+T^4+T^3+2T^2+T+2$ $T^5+2T^4+T^3+2T^2+2T+2$		$5\equiv 1 \pmod 2$
		T^5+2T^4+2T+2 $T^5+T^4+T^2+1$ $T^5+T^3+2T^2+2T+1$ $T^5+2T^4+2T^3+2T+1$ $T^5+T^4+2T^3+T^2+2$ $T^5+2T^3+2T^2+2T+1$		$15\equiv 1 \pmod 2$

q	δ	$Q(T)$	g	h_K
3	5	T^5+2T^2+T+1 $T^5+2T^4+T^3+T+2$ $T^5+T^4+T^3+T^2+2T+1$	2	$13 \equiv 1 \pmod 2$
		T^5+T^3+T+1 $T^5+2T^4+2T^3+T^2+1$ $T^5+T^4+2T^3+2T^2+1$		$27 \equiv 1 \pmod 2$
		T^5+T^3+T+2 $T^5+2T^4+2T^3+T^2+2$ $T^5+T^4+2T^3+2T^2+2$		$3 \equiv 1 \pmod 2$

TABLE 2. Divisor class numbers of Kummer extensions with $\ell = 3$

q	δ	$Q(T)$	g	h_K
2^2	2	$T^2+T+\zeta$ $T^2+T+\zeta^2$	1	$1 = 1 \pmod 3$
		$T^2+\zeta T+1$ $T^2+\zeta T+\zeta$ $T^2+\zeta^2 T+1$ $T^2+\zeta^2 T+\zeta^2$		$7 \equiv 1 \pmod 3$
7		T^2+1 T^2+T+3 T^2+2T+2 T^2+3T+5 T^2+4T+5 T^2+5T+2 T^2+6T+3		$4 \equiv 1 \pmod 3$
		T^2+2 T^2+T+4 T^2+2T+3 T^2+3T+6 T^2+4T+6 T^2+5T+3 T^2+6T+4		$7 \equiv 1 \pmod 3$
		T^2+4 T^2+T+6 T^2+2T+5 T^2+3T+1 T^2+4T+1 T^2+5T+5 T^2+6T+6		$13 \equiv 1 \pmod 3$
2^2	4	$T^4+T^2+\zeta T+1$ $T^4+T^2+\zeta T+\zeta^2$ $T^4+T^2+\zeta^2 T+1$ $T^4+T^2+\zeta^2 T+\zeta$	3	$175 \equiv 1 \pmod 3$
		$T^4+\zeta T^2+\zeta T+\zeta$ $T^4+\zeta T^2+\zeta T+\zeta^2$ $T^4+\zeta^2 T^2+\zeta^2 T+\zeta$ $T^4+\zeta^2 T^2+\zeta^2 T+\zeta^2$		$13 \equiv 1 \pmod 3$
		$T^4+\zeta T^2+\zeta^2 T+1$ $T^4+\zeta T^2+\zeta^2 T+\zeta^2$ $T^4+\zeta^2 T^2+\zeta T+1$ $T^4+\zeta^2 T^2+\zeta T+\zeta$		$91 \equiv 1 \pmod 3$
		$T^4+T^3+T+\zeta$ $T^4+T^3+T+\zeta^2$ $T^4+T^3+T^2+\zeta$ $T^4+T^3+T^2+\zeta^2$ $T^4+T^3+\zeta T^2+\zeta T+\zeta$ $T^4+T^3+\zeta T^2+\zeta T+\zeta^2$ $T^4+T^3+\zeta T^2+\zeta T+\zeta$ $T^4+T^3+\zeta^2 T^2+\zeta^2 T+\zeta^2$		$28 \equiv 1 \pmod 3$
		$T^4+T^3+\zeta T+1$ $T^4+T^3+\zeta^2 T+1$		$124 \equiv 1 \pmod 3$

Table 2. Divisor class numbers of Kummer extensions with $\ell = 3$ (Cont'd)

q	δ	$Q(T)$	g	h_K
2^2	4	$T^4+T^3+T^2+\zeta T+\zeta$ $T^4+T^3+T^2+\zeta^2 T+\zeta^2$ $T^4+T^3+\zeta T^2+\zeta^2$ $T^4+T^3+\zeta T^2+T+1$ $T^4+T^3+\zeta^2 T^2+\zeta$ $T^4+T^3+\zeta^2 T^2+T+1$	3	$124 \equiv 1 \pmod 3$
		$T^4+\zeta T^3+T+1$ $T^4+\zeta T^3+T^2+\zeta T+\zeta^2$ $T^4+\zeta T^3+\zeta T^2+\zeta^2 T+\zeta^2$ $T^4+\zeta T^3+\zeta^2 T^2+\zeta^2$ $T^4+\zeta^2 T^3+T+1$ $T^4+\zeta^2 T^3+T^2+\zeta^2 T+\zeta$ $T^4+\zeta^2 T^3+\zeta T^2+\zeta$ $T^4+\zeta^2 T^3+\zeta^2 T^2+\zeta T+\zeta$		$37 \equiv 1 \pmod 3$
		$T^4+\zeta T^3+T+\zeta^2$ $T^4+\zeta T^3+T^2+\zeta T+1$ $T^4+\zeta T^3+\zeta T^2+\zeta^2 T+1$ $T^4+\zeta T^3+\zeta^2 T^2+1$ $T^4+\zeta^2 T^3+T+\zeta$ $T^4+\zeta^2 T^3+T^2+\zeta^2 T+1$ $T^4+\zeta^2 T^3+\zeta^2 T^2+\zeta T+1$ $T^4+\zeta^2 T^3+\zeta T^2+1$		$259 \equiv 1 \pmod 3$
		$T^4+\zeta T^3+\zeta T+\zeta$ $T^4+\zeta T^3+T^2+T+\zeta$ $T^4+\zeta T^3+\zeta T^2+\zeta^2$ $T^4+\zeta T^3+\zeta^2 T^2+\zeta^2 T+1$ $T^4+\zeta^2 T^3+\zeta^2 T+\zeta^2$ $T^4+\zeta^2 T^3+T^2+T+\zeta^2$ $T^4+\zeta^2 T^3+\zeta T^2+\zeta T+1$ $T^4+\zeta^2 T^3+\zeta^2 T^2+\zeta$		$67 \equiv 1 \pmod 3$
		$T^4+\zeta T^3+\zeta^2 T+\zeta$ $T^4+\zeta T^3+T^2+1$ $T^4+\zeta T^3+\zeta T^2+T+\zeta$ $T^4+\zeta T^3+\zeta^2 T^2+\zeta T+\zeta^2$ $T^4+\zeta^2 T^3+\zeta T+\zeta^2$ $T^4+\zeta^2 T^3+T^2+1$ $T^4+\zeta^2 T^3+\zeta T^2+\zeta^2 T+\zeta$ $T^4+\zeta^2 T^3+\zeta^2 T^2+T+\zeta^2$		$43 \equiv 1 \pmod 3$

TABLE 3. Divisor class numbers of Kummer extensions with $\ell = 5$

q	δ	$Q(T)$	g	h_K
11	2	T^2+1	2	$176 \equiv 1 \pmod 5$
		T^2+T+4		
		$T^2+2T+10$		
		T^2+3T+3		
		T^2+4T+5		
		$T^2+5T+10$		
		T^2+6T+2		
		$T^2+6T+10$		
		T^2+7T+5		
		T^2+8T+6		
		T^2+9T+2		
		$T^2+10T+4$		
		T^2+3		$101 \equiv 1 \pmod 5$
		T^2+T+6		
		T^2+2T+4		
		T^2+3T+8		
		T^2+4T+7		
		T^2+5T+1		
		T^2+6T+1		
		T^2+7T+7		
		T^2+8T+8		
		T^2+9T+4		
		$T^2+10T+6$		
		T^2+4		$41 \equiv 1 \pmod 5$
		T^2+T+7		
		T^2+2T+5		
		T^2+3T+9		
		T^2+4T+8		
		T^2+5T+2		
		T^2+8T+9		
		T^2+9T+5		
		$T^2+10T+7$		
		T^2+5		$131 \equiv 1 \pmod 5$
		T^2+T+8		
		T^2+2T+6		
		$T^2+3T+10$		
		T^2+4T+9		
		T^2+5T+3		
		T^2+6T+3		
		T^2+7T+9		
		$T^2+8T+10$		
		T^2+9T+6		
		$T^2+10T+8$		
		T^2+9		$271 \equiv 1 \pmod 5$
		T^2+T+1		
		$T^2+2T+10$		
		T^2+3T+3		
		T^2+4T+2		
		T^2+5T+7		

Table 3. Divisor class numbers of Kummer extensions with $\ell = 5$ (Cont'd)

q	δ	$Q(T)$	g	h_K
11	2	$T^2 + 6T + 7$ $T^2 + 7T + 2$ $T^2 + 8T + 3$ $T^2 + 9T + 10$ $T^2 + 10T + 1$	2	$271 \equiv 1 \pmod 5$

TABLE 4. Divisor class numbers of Kummer extensions with $\ell = 7$

q	δ	$Q(T)$	g	h_K
2^3	2	T^2+T+1 $T^2+T+\zeta^3$ $T^2+T+\zeta^5$ $T^2+T+\zeta^6$	3	$1331 \equiv 1 \pmod 7$
		$T^2+\zeta T+1$ $T^2+\zeta T+\zeta$ $T^2+\zeta T+\zeta^2$ $T^2+\zeta T+\zeta^5$ $T^2+\zeta^2 T+1$ $T^2+\zeta^2 T+\zeta^2$ $T^2+\zeta^2 T+\zeta^3$ $T^2+\zeta^2 T+\zeta^4$ $T^2+\zeta^4 T+1$ $T^2+\zeta^4 T+\zeta$ $T^2+\zeta^4 T+\zeta^4$ $T^2+\zeta^4 T+\zeta^6$		$967 \equiv 1 \pmod 7$
		$T^2+\zeta^3 T+\zeta^2$ $T^2+\zeta^3 T+\zeta^4$ $T^2+\zeta^3 T+\zeta^5$ $T^2+\zeta^3 T+\zeta^6$ $T^2+\zeta^5 T+\zeta$ $T^2+\zeta^5 T+\zeta^2$ $T^2+\zeta^5 T+\zeta^3$ $T^2+\zeta^5 T+\zeta^6$ $T^2+\zeta^6 T+\zeta$ $T^2+\zeta^6 T+\zeta^3$ $T^2+\zeta^6 T+\zeta^4$ $T^2+\zeta^6 T+\zeta^5$		$197 \equiv 1 \pmod 7$

(ii) ∞ is unramified

• ∞ splits completely

TABLE 5. Divisor class numbers of Kummer extensions with $\ell = 2, t = 1$

q	δ	$Q(T)$	g	h_K
5	6	T^6+T^5+2	2	$21 \equiv 1 \pmod 2$
		T^6+4T^5+2		
		T^6+2T^5+3		
		T^6+3T^5+3		
		T^6+3T^5+T+1		
		T^6+T+2		
		T^6+4T^5+T+2		
		T^6+2T^5+T+4		
		T^6+4T^5+2T+1		
		T^6+2T+3		
		T^6+3T^5+2T+3		
		T^6+T^5+2T+4		
		T^6+T^5+3T+1		
		T^6+3T+3		
		T^6+2T^5+3T+3		
		T^6+4T^5+3T+4		
		T^6+2T^5+4T+1		
		T^6+4T+2		
		T^6+T^5+4T+2		
		T^6+3T^5+4T+4		
		T^6+T^3+1		$27 \equiv 1 \pmod 2$
		$T^6+3T^5+T^3+1$		$61 \equiv 1 \pmod 2$
		T^6+T^3+2		$33 \equiv 1 \pmod 2$
		$T^6+4T^5+T^3+3$		$41 \equiv 1 \pmod 2$
		$T^6+T^5+T^3+4$		$23 \equiv 1 \pmod 2$
		$T^6+2T^5+T^3+T+1$		$59 \equiv 1 \pmod 2$
		$T^6+3T^5+T^3+T+1$		$41 \equiv 1 \pmod 2$
		$T^6+4T^5+T^3+T+1$		$33 \equiv 1 \pmod 2$
		$T^6+4T^5+T^3+T+2$		$29 \equiv 1 \pmod 2$
		T^6+T^3+T+3		$17 \equiv 1 \pmod 2$
		$T^6+3T^5+T^3+T+3$		$43 \equiv 1 \pmod 2$
		T^6+T^3+T+4		$23 \equiv 1 \pmod 2$
		$T^6+T^5+T^3+2T+1$		$59 \equiv 1 \pmod 2$
		$T^6+4T^5+T^3+2T+3$		$19 \equiv 1 \pmod 2$
		$T^6+4T^5+T^3+2T+4$		$15 \equiv 1 \pmod 2$
		T^6+T^3+3T+1		$61 \equiv 1 \pmod 2$
		$T^6+T^5+T^3+3T+1$		$41 \equiv 1 \pmod 2$
		$T^6+T^5+T^3+4T+1$		$33 \equiv 1 \pmod 2$
		$T^6+2T^5+T^3+4T+4$		$15 \equiv 1 \pmod 2$
		$T^6+4T^5+T^3+4T+4$		$63 \equiv 1 \pmod 2$
		$T^6+3T^5+2T^3+1$		$23 \equiv 1 \pmod 2$
		$T^6+2T^5+2T^3+2$		$41 \equiv 1 \pmod 2$
		T^6+2T^3+3		$33 \equiv 1 \pmod 2$
		T^6+2T^3+4		$27 \equiv 1 \pmod 2$
		$T^6+4T^5+2T^3+4$		$61 \equiv 1 \pmod 2$
		$T^6+2T^5+2T^3+T+1$		$15 \equiv 1 \pmod 2$

Table 5. Divisor class numbers of Kummer extensions with $\ell = 2, t = 1$ (Cont'd)

q	δ	$Q(T)$	g	h_K
5	6	$T^6 + 2T^5 + 2T^3 + T + 2$	2	$19 \equiv 1 \pmod 2$
		$T^6 + 3T^5 + 2T^3 + T + 4$		$59 \equiv 1 \pmod 2$
		$T^6 + T^5 + 2T^3 + 2T + 1$		$15 \equiv 1 \pmod 2$
		$T^6 + 2T^5 + 2T^3 + 2T + 1$		$63 \equiv 1 \pmod 2$
		$T^6 + 3T^5 + 2T^3 + 2T + 4$		$33 \equiv 1 \pmod 2$
		$T^6 + 2T^3 + 3T + 1$		$23 \equiv 1 \pmod 2$
		$T^6 + 2T^3 + 3T + 2$		$17 \equiv 1 \pmod 2$
		$T^6 + 4T^5 + 2T^3 + 3T + 2$		$43 \equiv 1 \pmod 2$
		$T^6 + 2T^5 + 2T^3 + 3T + 3$		$29 \equiv 1 \pmod 2$
		$T^6 + T^5 + 2T^3 + 3T + 4$		$59 \equiv 1 \pmod 2$
		$T^6 + 2T^5 + 2T^3 + 3T + 4$		$33 \equiv 1 \pmod 2$
		$T^6 + 4T^5 + 2T^3 + 3T + 4$		$41 \equiv 1 \pmod 2$
		$T^6 + 2T^3 + 4T + 4$		$61 \equiv 1 \pmod 2$
		$T^6 + 3T^5 + 2T^3 + 4T + 4$		$41 \equiv 1 \pmod 2$
		$T^6 + 2T^5 + 3T^3 + 1$		$23 \equiv 1 \pmod 2$
		$T^6 + 3T^5 + 3T^3 + 2$		$41 \equiv 1 \pmod 2$
		$T^6 + 3T^3 + 3$		$33 \equiv 1 \pmod 2$
		$T^6 + 3T^3 + 4$		$27 \equiv 1 \pmod 2$
		$T^6 + T^5 + 3T^3 + 4$		$61 \equiv 1 \pmod 2$
		$T^6 + 3T^3 + T + 4$		$61 \equiv 1 \pmod 2$
		$T^6 + 2T^5 + 3T^3 + T + 4$		$41 \equiv 1 \pmod 2$
		$T^6 + 3T^3 + 2T + 1$		$23 \equiv 1 \pmod 2$
		$T^6 + 3T^3 + 2T + 2$		$17 \equiv 1 \pmod 2$
		$T^6 + T^5 + 3T^3 + 2T + 2$		$43 \equiv 1 \pmod 2$
		$T^6 + 3T^5 + 3T^3 + 2T + 3$		$29 \equiv 1 \pmod 2$
		$T^6 + T^5 + 3T^3 + 2T + 4$		$41 \equiv 1 \pmod 2$
		$T^6 + 3T^5 + 3T^3 + 2T + 4$		$33 \equiv 1 \pmod 2$
		$T^6 + 4T^5 + 3T^3 + 2T + 4$		$59 \equiv 1 \pmod 2$
		$T^6 + 3T^5 + 3T^3 + 3T + 1$		$63 \equiv 1 \pmod 2$
		$T^6 + 4T^5 + 3T^3 + 3T + 1$		$15 \equiv 1 \pmod 2$
		$T^6 + 2T^5 + 3T^3 + 3T + 4$		$33 \equiv 1 \pmod 2$
		$T^6 + 3T^5 + 3T^3 + 4T + 1$		$15 \equiv 1 \pmod 2$
		$T^6 + 3T^5 + 3T^3 + 4T + 2$		$19 \equiv 1 \pmod 2$
		$T^6 + 2T^5 + 3T^3 + 4T + 4$		$59 \equiv 1 \pmod 2$
		$T^6 + 4T^3 + 1$		$27 \equiv 1 \pmod 2$
		$T^6 + 2T^5 + 4T^3 + 1$		$61 \equiv 1 \pmod 2$
		$T^6 + 4T^3 + 2$		$33 \equiv 1 \pmod 2$
		$T^6 + T^5 + 4T^3 + 3$		$41 \equiv 1 \pmod 2$
		$T^6 + 4T^5 + 4T^3 + 4$		$23 \equiv 1 \pmod 2$
		$T^6 + 4T^5 + 4T^3 + T + 1$		$33 \equiv 1 \pmod 2$
		$T^6 + T^5 + 4T^3 + T + 4$		$63 \equiv 1 \pmod 2$
		$T^6 + 3T^5 + 4T^3 + T + 4$		$15 \equiv 1 \pmod 2$
		$T^6 + 4T^3 + 2T + 1$		$61 \equiv 1 \pmod 2$
		$T^6 + 4T^5 + 4T^3 + 2T + 1$		$41 \equiv 1 \pmod 2$
		$T^6 + 4T^5 + 4T^3 + 3T + 1$		$59 \equiv 1 \pmod 2$
		$T^6 + T^5 + 4T^3 + 3T + 3$		$19 \equiv 1 \pmod 2$
		$T^6 + T^5 + 4T^3 + 3T + 4$		$15 \equiv 1 \pmod 2$
		$T^6 + T^5 + 4T^3 + 4T + 1$		$33 \equiv 1 \pmod 2$
		$T^6 + 2T^5 + 4T^3 + 4T + 1$		$41 \equiv 1 \pmod 2$
		$T^6 + 3T^5 + 4T^3 + 4T + 1$		$59 \equiv 1 \pmod 2$

Table 5. Divisor class numbers of Kummer extensions with $\ell = 2, t = 1$ (Cont'd)

q	δ	$Q(T)$	g	h_K
5	6	$T^6 + T^5 + 4T^3 + 4T + 2$	2	$29 \equiv 1 \pmod 2$
		$T^6 + 4T^3 + 4T + 3$		$17 \equiv 1 \pmod 2$
		$T^6 + 2T^5 + 4T^3 + 4T + 3$		$43 \equiv 1 \pmod 2$
		$T^6 + 4T^3 + 4T + 4$		$23 \equiv 1 \pmod 2$
		$T^6 + T^5 + T^4 + 1$		$45 \equiv 1 \pmod 2$
		$T^6 + 4T^5 + T^4 + 1$		$45 \equiv 1 \pmod 2$
		$T^6 + T^4 + 2$		$35 \equiv 1 \pmod 2$
		$T^6 + 2T^5 + T^4 + 3$		$15 \equiv 1 \pmod 2$
		$T^6 + 3T^5 + T^4 + 3$		$15 \equiv 1 \pmod 2$
		$T^6 + T^4 + T + 1$		$45 \equiv 1 \pmod 2$
		$T^6 + 4T^5 + T^4 + T + 1$		$45 \equiv 1 \pmod 2$
		$T^6 + T^5 + T^4 + T + 2$		$25 \equiv 1 \pmod 2$
		$T^6 + 2T^5 + T^4 + T + 2$		$35 \equiv 1 \pmod 2$
		$T^6 + 4T^5 + T^4 + T + 2$		$25 \equiv 1 \pmod 2$
		$T^6 + 2T^5 + T^4 + T + 3$		$15 \equiv 1 \pmod 2$
		$T^6 + 2T^5 + T^4 + 2T + 1$		$45 \equiv 1 \pmod 2$
		$T^6 + 3T^5 + T^4 + 2T + 1$		$45 \equiv 1 \pmod 2$
		$T^6 + 4T^5 + T^4 + 2T + 1$		$45 \equiv 1 \pmod 2$
		$T^6 + T^4 + 2T + 2$		$25 \equiv 1 \pmod 2$
		$T^6 + T^5 + T^4 + 3T + 1$		$45 \equiv 1 \pmod 2$
		$T^6 + 2T^5 + T^4 + 3T + 1$		$45 \equiv 1 \pmod 2$
		$T^6 + 3T^5 + T^4 + 3T + 1$		$45 \equiv 1 \pmod 2$
		$T^6 + T^4 + 3T + 2$		$25 \equiv 1 \pmod 2$
		$T^6 + T^4 + 4T + 1$		$45 \equiv 1 \pmod 2$
		$T^6 + T^5 + T^4 + 4T + 1$		$45 \equiv 1 \pmod 2$
		$T^6 + T^5 + T^4 + 4T + 2$		$25 \equiv 1 \pmod 2$
		$T^6 + 3T^5 + T^4 + 4T + 2$		$35 \equiv 1 \pmod 2$
		$T^6 + 4T^5 + T^4 + 4T + 2$		$25 \equiv 1 \pmod 2$
		$T^6 + 3T^5 + T^4 + 4T + 3$		$15 \equiv 1 \pmod 2$
		$T^6 + T^4 + T^3 + 1$		$41 \equiv 1 \pmod 2$
		$T^6 + 4T^5 + T^4 + T^3 + 2$		$39 \equiv 1 \pmod 2$
		$T^6 + T^5 + T^4 + T^3 + 3$		$11 \equiv 1 \pmod 2$
		$T^6 + 3T^5 + T^4 + T^3 + 3$		$47 \equiv 1 \pmod 2$
		$T^6 + T^4 + T^3 + T + 2$		$17 \equiv 1 \pmod 2$
		$T^6 + T^4 + T^3 + T + 3$		$13 \equiv 1 \pmod 2$
		$T^6 + 2T^5 + T^4 + T^3 + T + 3$		$47 \equiv 1 \pmod 2$
		$T^6 + T^5 + T^4 + T^3 + T + 4$		$41 \equiv 1 \pmod 2$
		$T^6 + 2T^5 + T^4 + T^3 + 2T + 2$		$39 \equiv 1 \pmod 2$
		$T^6 + T^5 + T^4 + T^3 + 2T + 3$		$39 \equiv 1 \pmod 2$
		$T^6 + 4T^5 + T^4 + T^3 + 2T + 4$		$63 \equiv 1 \pmod 2$
		$T^6 + 2T^5 + T^4 + T^3 + 3T + 1$		$41 \equiv 1 \pmod 2$
		$T^6 + T^5 + T^4 + T^3 + 3T + 2$		$47 \equiv 1 \pmod 2$
		$T^6 + 3T^5 + T^4 + T^3 + 3T + 2$		$17 \equiv 1 \pmod 2$
		$T^6 + 3T^5 + T^4 + T^3 + 3T + 3$		$13 \equiv 1 \pmod 2$
		$T^6 + T^4 + T^3 + 4T + 2$		$47 \equiv 1 \pmod 2$
		$T^6 + 2T^5 + T^4 + T^3 + 4T + 3$		$11 \equiv 1 \pmod 2$
		$T^6 + 4T^5 + T^4 + T^3 + 4T + 3$		$39 \equiv 1 \pmod 2$
		$T^6 + 3T^5 + T^4 + T^3 + 4T + 4$		$41 \equiv 1 \pmod 2$
		$T^6 + 2T^5 + T^4 + 2T^3 + 1$		$61 \equiv 1 \pmod 2$
		$T^6 + T^4 + 2T^3 + 2$		$33 \equiv 1 \pmod 2$

Table 5. Divisor class numbers of Kummer extensions with $\ell = 2, t = 1$ (Cont'd)

q	δ	$Q(T)$	g	h_K
5	6	$T^6 + T^4 + 2T^3 + 3$	2	$17 \equiv 1 \pmod 2$
		$T^6 + 3T^5 + T^4 + 2T^3 + 4$		$59 \equiv 1 \pmod 2$
		$T^6 + T^5 + T^4 + 2T^3 + T + 1$		$61 \equiv 1 \pmod 2$
		$T^6 + 2T^5 + T^4 + 2T^3 + T + 1$		$33 \equiv 1 \pmod 2$
		$T^6 + T^5 + T^4 + 2T^3 + T + 3$		$29 \equiv 1 \pmod 2$
		$T^6 + 3T^5 + T^4 + 2T^3 + T + 3$		$43 \equiv 1 \pmod 2$
		$T^6 + T^4 + 2T^3 + T + 4$		$41 \equiv 1 \pmod 2$
		$T^6 + T^4 + 2T^3 + 2T + 1$		$59 \equiv 1 \pmod 2$
		$T^6 + 3T^5 + T^4 + 2T^3 + 2T + 2$		$27 \equiv 1 \pmod 2$
		$T^6 + T^5 + T^4 + 2T^3 + 2T + 4$		$59 \equiv 1 \pmod 2$
		$T^6 + T^4 + 2T^3 + 3T + 1$		$29 \equiv 1 \pmod 2$
		$T^6 + T^5 + T^4 + 2T^3 + 3T + 3$		$41 \equiv 1 \pmod 2$
		$T^6 + 4T^5 + T^4 + 2T^3 + 3T + 3$		$33 \equiv 1 \pmod 2$
		$T^6 + T^4 + 2T^3 + 3T + 4$		$61 \equiv 1 \pmod 2$
		$T^6 + 3T^5 + T^4 + 2T^3 + 3T + 4$		$43 \equiv 1 \pmod 2$
		$T^6 + 3T^5 + T^4 + 2T^3 + 4T + 1$		$59 \equiv 1 \pmod 2$
		$T^6 + T^5 + T^4 + 2T^3 + 4T + 2$		$33 \equiv 1 \pmod 2$
		$T^6 + T^5 + T^4 + 2T^3 + 4T + 3$		$17 \equiv 1 \pmod 2$
		$T^6 + 4T^5 + T^4 + 2T^3 + 4T + 4$		$61 \equiv 1 \pmod 2$
		$T^6 + 3T^5 + T^4 + 3T^3 + 1$		$61 \equiv 1 \pmod 2$
		$T^6 + T^4 + 3T^3 + 2$		$33 \equiv 1 \pmod 2$
		$T^6 + T^4 + 3T^3 + 3$		$17 \equiv 1 \pmod 2$
		$T^6 + 2T^5 + T^4 + 3T^3 + 4$		$59 \equiv 1 \pmod 2$
		$T^6 + 2T^5 + T^4 + 3T^3 + T + 1$		$59 \equiv 1 \pmod 2$
		$T^6 + 4T^5 + T^4 + 3T^3 + T + 2$		$33 \equiv 1 \pmod 2$
		$T^6 + 4T^5 + T^4 + 3T^3 + T + 3$		$17 \equiv 1 \pmod 2$
		$T^6 + T^5 + T^4 + 3T^3 + T + 4$		$61 \equiv 1 \pmod 2$
		$T^6 + T^4 + 3T^3 + 2T + 1$		$29 \equiv 1 \pmod 2$
		$T^6 + T^5 + T^4 + 3T^3 + 2T + 3$		$33 \equiv 1 \pmod 2$
		$T^6 + 4T^5 + T^4 + 3T^3 + 2T + 3$		$41 \equiv 1 \pmod 2$
		$T^6 + T^4 + 3T^3 + 2T + 4$		$61 \equiv 1 \pmod 2$
		$T^6 + 2T^5 + T^4 + 3T^3 + 2T + 4$		$43 \equiv 1 \pmod 2$
		$T^6 + T^4 + 3T^3 + 3T + 1$		$59 \equiv 1 \pmod 2$
		$T^6 + 2T^5 + T^4 + 3T^3 + 3T + 2$		$27 \equiv 1 \pmod 2$
		$T^6 + 4T^5 + T^4 + 3T^3 + 3T + 4$		$59 \equiv 1 \pmod 2$
		$T^6 + 3T^5 + T^4 + 3T^3 + 4T + 1$		$33 \equiv 1 \pmod 2$
		$T^6 + 4T^5 + T^4 + 3T^3 + 4T + 1$		$61 \equiv 1 \pmod 2$
		$T^6 + 2T^5 + T^4 + 3T^3 + 4T + 3$		$43 \equiv 1 \pmod 2$
		$T^6 + 4T^5 + T^4 + 3T^3 + 4T + 3$		$29 \equiv 1 \pmod 2$
		$T^6 + T^4 + 3T^3 + 4T + 4$		$41 \equiv 1 \pmod 2$
		$T^6 + T^4 + 4T^3 + 1$		$41 \equiv 1 \pmod 2$
		$T^6 + T^5 + T^4 + 4T^3 + 2$		$39 \equiv 1 \pmod 2$
		$T^6 + 2T^5 + T^4 + 4T^3 + 3$		$47 \equiv 1 \pmod 2$
		$T^6 + 4T^5 + T^4 + 4T^3 + 3$		$11 \equiv 1 \pmod 2$
		$T^6 + T^4 + 4T^3 + T + 2$		$47 \equiv 1 \pmod 2$
		$T^6 + T^5 + T^4 + 4T^3 + T + 3$		$39 \equiv 1 \pmod 2$
		$T^6 + 3T^5 + T^4 + 4T^3 + T + 3$		$11 \equiv 1 \pmod 2$
		$T^6 + 2T^5 + T^4 + 4T^3 + T + 4$		$41 \equiv 1 \pmod 2$
		$T^6 + 3T^5 + T^4 + 4T^3 + 2T + 1$		$41 \equiv 1 \pmod 2$
		$T^6 + 2T^5 + T^4 + 4T^3 + 2T + 2$		$17 \equiv 1 \pmod 2$

Table 5. Divisor class numbers of Kummer extensions with $\ell = 2, t = 1$ (Cont'd)

q	δ	$Q(T)$	g	h_K
5	6	$T^6 + 4T^5 + T^4 + 4T^3 + 2T + 2$	2	$47 \equiv 1 \pmod 2$
		$T^6 + 2T^5 + T^4 + 4T^3 + 2T + 3$		$13 \equiv 1 \pmod 2$
		$T^6 + 3T^5 + T^4 + 4T^3 + 3T + 2$		$39 \equiv 1 \pmod 2$
		$T^6 + 4T^5 + T^4 + 4T^3 + 3T + 3$		$39 \equiv 1 \pmod 2$
		$T^6 + T^5 + T^4 + 4T^3 + 3T + 4$		$63 \equiv 1 \pmod 2$
		$T^6 + T^4 + 4T^3 + 4T + 2$		$17 \equiv 1 \pmod 2$
		$T^6 + T^4 + 4T^3 + 4T + 3$		$13 \equiv 1 \pmod 2$
		$T^6 + 3T^5 + T^4 + 4T^3 + 4T + 3$		$47 \equiv 1 \pmod 2$
		$T^6 + 4T^5 + T^4 + 4T^3 + 4T + 4$		$41 \equiv 1 \pmod 2$
		$T^6 + 2T^5 + 2T^4 + 2$		$21 \equiv 1 \pmod 2$
		$T^6 + 3T^5 + 2T^4 + 2$		$21 \equiv 1 \pmod 2$
		$T^6 + 2T^4 + 3$		$63 \equiv 1 \pmod 2$
		$T^6 + T^5 + 2T^4 + 4$		$25 \equiv 1 \pmod 2$
		$T^6 + 4T^5 + 2T^4 + 4$		$25 \equiv 1 \pmod 2$
		$T^6 + T^5 + 2T^4 + T + 1$		$39 \equiv 1 \pmod 2$
		$T^6 + T^5 + 2T^4 + T + 2$		$21 \equiv 1 \pmod 2$
		$T^6 + 2T^5 + 2T^4 + T + 2$		$21 \equiv 1 \pmod 2$
		$T^6 + 4T^5 + 2T^4 + T + 3$		$63 \equiv 1 \pmod 2$
		$T^6 + 3T^5 + 2T^4 + T + 4$		$25 \equiv 1 \pmod 2$
		$T^6 + T^5 + 2T^4 + 2T + 1$		$39 \equiv 1 \pmod 2$
		$T^6 + 3T^5 + 2T^4 + 2T + 1$		$39 \equiv 1 \pmod 2$
		$T^6 + 2T^4 + 2T + 2$		$21 \equiv 1 \pmod 2$
		$T^6 + 3T^5 + 2T^4 + 2T + 3$		$63 \equiv 1 \pmod 2$
		$T^6 + 4T^5 + 2T^4 + 2T + 4$		$35 \equiv 1 \pmod 2$
		$T^6 + 2T^5 + 2T^4 + 3T + 1$		$39 \equiv 1 \pmod 2$
		$T^6 + 4T^5 + 2T^4 + 3T + 1$		$39 \equiv 1 \pmod 2$
		$T^6 + 2T^4 + 3T + 2$		$21 \equiv 1 \pmod 2$
		$T^6 + 2T^5 + 2T^4 + 3T + 3$		$63 \equiv 1 \pmod 2$
		$T^6 + T^5 + 2T^4 + 3T + 4$		$35 \equiv 1 \pmod 2$
		$T^6 + 4T^5 + 2T^4 + 4T + 1$		$39 \equiv 1 \pmod 2$
		$T^6 + 3T^5 + 2T^4 + 4T + 2$		$21 \equiv 1 \pmod 2$
		$T^6 + 4T^5 + 2T^4 + 4T + 2$		$21 \equiv 1 \pmod 2$
		$T^6 + T^5 + 2T^4 + 4T + 3$		$63 \equiv 1 \pmod 2$
		$T^6 + 2T^5 + 2T^4 + 4T + 4$		$25 \equiv 1 \pmod 2$
		$T^6 + T^5 + 2T^4 + T^3 + 1$		$33 \equiv 1 \pmod 2$
		$T^6 + T^5 + 2T^4 + T^3 + 3$		$39 \equiv 1 \pmod 2$
		$T^6 + 2T^4 + T^3 + 4$		$29 \equiv 1 \pmod 2$
		$T^6 + 3T^5 + 2T^4 + T^3 + 4$		$63 \equiv 1 \pmod 2$
		$T^6 + 4T^5 + 2T^4 + T^3 + 4$		$41 \equiv 1 \pmod 2$
		$T^6 + 2T^4 + T^3 + T + 3$		$47 \equiv 1 \pmod 2$
		$T^6 + 4T^5 + 2T^4 + T^3 + T + 4$		$33 \equiv 1 \pmod 2$
		$T^6 + 2T^4 + T^3 + 2T + 3$		$33 \equiv 1 \pmod 2$
		$T^6 + 4T^5 + 2T^4 + T^3 + 2T + 3$		$47 \equiv 1 \pmod 2$
		$T^6 + T^5 + 2T^4 + T^3 + 3T + 1$		$63 \equiv 1 \pmod 2$
		$T^6 + 3T^5 + 2T^4 + T^3 + 3T + 1$		$33 \equiv 1 \pmod 2$
		$T^6 + 2T^4 + T^3 + 3T + 2$		$41 \equiv 1 \pmod 2$
		$T^6 + 3T^5 + 2T^4 + T^3 + 3T + 3$		$39 \equiv 1 \pmod 2$
		$T^6 + 4T^5 + 2T^4 + T^3 + 3T + 3$		$29 \equiv 1 \pmod 2$
		$T^6 + 2T^5 + 2T^4 + T^3 + 4T + 1$		$27 \equiv 1 \pmod 2$
		$T^6 + 2T^5 + 2T^4 + T^3 + 4T + 2$		$15 \equiv 1 \pmod 2$

Table 5. Divisor class numbers of Kummer extensions with $\ell = 2, t = 1$ (Cont'd)

q	δ	$Q(T)$	g	h_K
5	6	$T^6 + 4T^5 + 2T^4 + T^3 + 4T + 2$	2	$43 \equiv 1 \pmod 2$
		$T^6 + 2T^4 + T^3 + 4T + 4$		$43 \equiv 1 \pmod 2$
		$T^6 + 2T^4 + 2T^3 + 2$		$19 \equiv 1 \pmod 2$
		$T^6 + 3T^5 + 2T^4 + 2T^3 + 4$		$19 \equiv 1 \pmod 2$
		$T^6 + 4T^5 + 2T^4 + 2T^3 + T + 1$		$43 \equiv 1 \pmod 2$
		$T^6 + T^5 + 2T^4 + 2T^3 + T + 2$		$33 \equiv 1 \pmod 2$
		$T^6 + 3T^5 + 2T^4 + 2T^3 + T + 2$		$47 \equiv 1 \pmod 2$
		$T^6 + 2T^4 + 2T^3 + T + 3$		$27 \equiv 1 \pmod 2$
		$T^6 + 2T^5 + 2T^4 + 2T^3 + T + 3$		$41 \equiv 1 \pmod 2$
		$T^6 + 3T^5 + 2T^4 + 2T^3 + T + 4$		$59 \equiv 1 \pmod 2$
		$T^6 + 2T^4 + 2T^3 + 2T + 2$		$33 \equiv 1 \pmod 2$
		$T^6 + 2T^5 + 2T^4 + 2T^3 + 2T + 2$		$39 \equiv 1 \pmod 2$
		$T^6 + 3T^5 + 2T^4 + 2T^3 + 2T + 2$		$17 \equiv 1 \pmod 2$
		$T^6 + 2T^5 + 2T^4 + 2T^3 + 2T + 4$		$61 \equiv 1 \pmod 2$
		$T^6 + T^5 + 2T^4 + 2T^3 + 3T + 2$		$39 \equiv 1 \pmod 2$
		$T^6 + 3T^5 + 2T^4 + 2T^3 + 3T + 3$		$33 \equiv 1 \pmod 2$
		$T^6 + 2T^4 + 2T^3 + 3T + 4$		$17 \equiv 1 \pmod 2$
		$T^6 + T^5 + 2T^4 + 2T^3 + 3T + 4$		$61 \equiv 1 \pmod 2$
		$T^6 + T^5 + 2T^4 + 2T^3 + 4T + 1$		$41 \equiv 1 \pmod 2$
		$T^6 + 2T^4 + 2T^3 + 4T + 2$		$47 \equiv 1 \pmod 2$
		$T^6 + 3T^5 + 2T^4 + 2T^3 + 4T + 2$		$27 \equiv 1 \pmod 2$
		$T^6 + 2T^5 + 2T^4 + 2T^3 + 4T + 3$		$33 \equiv 1 \pmod 2$
		$T^6 + 4T^5 + 2T^4 + 2T^3 + 4T + 3$		$43 \equiv 1 \pmod 2$
		$T^6 + 2T^4 + 2T^3 + 4T + 4$		$59 \equiv 1 \pmod 2$
		$T^6 + 2T^4 + 3T^3 + 2$		$19 \equiv 1 \pmod 2$
		$T^6 + 2T^5 + 2T^4 + 3T^3 + 4$		$19 \equiv 1 \pmod 2$
		$T^6 + 4T^5 + 2T^4 + 3T^3 + T + 1$		$41 \equiv 1 \pmod 2$
		$T^6 + 2T^4 + 3T^3 + T + 2$		$47 \equiv 1 \pmod 2$
		$T^6 + 2T^5 + 2T^4 + 3T^3 + T + 2$		$27 \equiv 1 \pmod 2$
		$T^6 + T^5 + 2T^4 + 3T^3 + T + 3$		$43 \equiv 1 \pmod 2$
		$T^6 + 3T^5 + 2T^4 + 3T^3 + T + 3$		$33 \equiv 1 \pmod 2$
		$T^6 + 2T^4 + 3T^3 + T + 4$		$59 \equiv 1 \pmod 2$
		$T^6 + 4T^5 + 2T^4 + 3T^3 + 2T + 2$		$39 \equiv 1 \pmod 2$
		$T^6 + 2T^5 + 2T^4 + 3T^3 + 2T + 3$		$33 \equiv 1 \pmod 2$
		$T^6 + 2T^4 + 3T^3 + 2T + 4$		$17 \equiv 1 \pmod 2$
		$T^6 + 4T^5 + 2T^4 + 3T^3 + 2T + 4$		$61 \equiv 1 \pmod 2$
		$T^6 + 2T^4 + 3T^3 + 3T + 2$		$33 \equiv 1 \pmod 2$
		$T^6 + 2T^5 + 2T^4 + 3T^3 + 3T + 2$		$17 \equiv 1 \pmod 2$
		$T^6 + 3T^5 + 2T^4 + 3T^3 + 3T + 2$		$39 \equiv 1 \pmod 2$
		$T^6 + 3T^5 + 2T^4 + 3T^3 + 3T + 4$		$61 \equiv 1 \pmod 2$
		$T^6 + T^5 + 2T^4 + 3T^3 + 4T + 1$		$43 \equiv 1 \pmod 2$
		$T^6 + 2T^5 + 2T^4 + 3T^3 + 4T + 2$		$47 \equiv 1 \pmod 2$
		$T^6 + 4T^5 + 2T^4 + 3T^3 + 4T + 2$		$33 \equiv 1 \pmod 2$
		$T^6 + 2T^4 + 3T^3 + 4T + 3$		$27 \equiv 1 \pmod 2$
		$T^6 + 3T^5 + 2T^4 + 3T^3 + 4T + 3$		$41 \equiv 1 \pmod 2$
		$T^6 + 2T^5 + 2T^4 + 3T^3 + 4T + 4$		$59 \equiv 1 \pmod 2$
		$T^6 + 4T^5 + 2T^4 + 4T^3 + 1$		$33 \equiv 1 \pmod 2$
		$T^6 + 4T^5 + 2T^4 + 4T^3 + 3$		$39 \equiv 1 \pmod 2$
		$T^6 + 2T^4 + 4T^3 + 4$		$29 \equiv 1 \pmod 2$
		$T^6 + T^5 + 2T^4 + 4T^3 + 4$		$41 \equiv 1 \pmod 2$

Table 5. Divisor class numbers of Kummer extensions with $\ell = 2, t = 1$ (Cont'd)

q	δ	$Q(T)$	g	h_K
5	6	$T^6 + 2T^5 + 2T^4 + 4T^3 + 4$	2	$63 \equiv 1 \pmod 2$
		$T^6 + 3T^5 + 2T^4 + 4T^3 + T + 1$		$27 \equiv 1 \pmod 2$
		$T^6 + T^5 + 2T^4 + 4T^3 + T + 2$		$43 \equiv 1 \pmod 2$
		$T^6 + 3T^5 + 2T^4 + 4T^3 + T + 2$		$15 \equiv 1 \pmod 2$
		$T^6 + 2T^4 + 4T^3 + T + 4$		$43 \equiv 1 \pmod 2$
		$T^6 + 2T^5 + 2T^4 + 4T^3 + 2T + 1$		$33 \equiv 1 \pmod 2$
		$T^6 + 4T^5 + 2T^4 + 4T^3 + 2T + 1$		$63 \equiv 1 \pmod 2$
		$T^6 + 2T^4 + 4T^3 + 2T + 2$		$41 \equiv 1 \pmod 2$
		$T^6 + T^5 + 2T^4 + 4T^3 + 2T + 3$		$29 \equiv 1 \pmod 2$
		$T^6 + 2T^5 + 2T^4 + 4T^3 + 2T + 3$		$39 \equiv 1 \pmod 2$
		$T^6 + 2T^4 + 4T^3 + 3T + 3$		$33 \equiv 1 \pmod 2$
		$T^6 + T^5 + 2T^4 + 4T^3 + 3T + 3$		$47 \equiv 1 \pmod 2$
		$T^6 + 2T^4 + 4T^3 + 4T + 3$		$47 \equiv 1 \pmod 2$
		$T^6 + T^5 + 2T^4 + 4T^3 + 4T + 4$		$33 \equiv 1 \pmod 2$
		$T^6 + 2T^5 + 3T^4 + 1$		$25 \equiv 1 \pmod 2$
		$T^6 + 3T^5 + 3T^4 + 1$		$25 \equiv 1 \pmod 2$
		$T^6 + 3T^4 + 2$		$63 \equiv 1 \pmod 2$
		$T^6 + T^5 + 3T^4 + 3$		$21 \equiv 1 \pmod 2$
		$T^6 + 4T^5 + 3T^4 + 3$		$21 \equiv 1 \pmod 2$
		$T^6 + 2T^5 + 3T^4 + T + 1$		$35 \equiv 1 \pmod 2$
		$T^6 + 4T^5 + 3T^4 + T + 2$		$63 \equiv 1 \pmod 2$
		$T^6 + 3T^4 + T + 3$		$21 \equiv 1 \pmod 2$
		$T^6 + 3T^5 + 3T^4 + T + 4$		$39 \equiv 1 \pmod 2$
		$T^6 + 4T^5 + 3T^4 + T + 4$		$39 \equiv 1 \pmod 2$
		$T^6 + T^5 + 3T^4 + 2T + 1$		$25 \equiv 1 \pmod 2$
		$T^6 + 3T^5 + 3T^4 + 2T + 2$		$63 \equiv 1 \pmod 2$
		$T^6 + 2T^5 + 3T^4 + 2T + 3$		$21 \equiv 1 \pmod 2$
		$T^6 + 4T^5 + 3T^4 + 2T + 3$		$21 \equiv 1 \pmod 2$
		$T^6 + 2T^5 + 3T^4 + 2T + 4$		$39 \equiv 1 \pmod 2$
		$T^6 + 4T^5 + 3T^4 + 3T + 1$		$25 \equiv 1 \pmod 2$
		$T^6 + 2T^5 + 3T^4 + 3T + 2$		$63 \equiv 1 \pmod 2$
		$T^6 + T^5 + 3T^4 + 3T + 3$		$21 \equiv 1 \pmod 2$
		$T^6 + 3T^5 + 3T^4 + 3T + 3$		$21 \equiv 1 \pmod 2$
		$T^6 + 3T^5 + 3T^4 + 3T + 4$		$39 \equiv 1 \pmod 2$
		$T^6 + 3T^5 + 3T^4 + 4T + 1$		$35 \equiv 1 \pmod 2$
		$T^6 + T^5 + 3T^4 + 4T + 2$		$63 \equiv 1 \pmod 2$
		$T^6 + 3T^4 + 4T + 3$		$21 \equiv 1 \pmod 2$
		$T^6 + T^5 + 3T^4 + 4T + 4$		$39 \equiv 1 \pmod 2$
		$T^6 + 2T^5 + 3T^4 + 4T + 4$		$39 \equiv 1 \pmod 2$
		$T^6 + T^5 + 3T^4 + T^3 + 1$		$19 \equiv 1 \pmod 2$
		$T^6 + 3T^4 + T^3 + 3$		$19 \equiv 1 \pmod 2$
		$T^6 + 3T^4 + T^3 + T + 1$		$17 \equiv 1 \pmod 2$
		$T^6 + 2T^5 + 3T^4 + T^3 + T + 1$		$61 \equiv 1 \pmod 2$
		$T^6 + T^5 + 3T^4 + T^3 + T + 2$		$33 \equiv 1 \pmod 2$
		$T^6 + 2T^5 + 3T^4 + T^3 + T + 3$		$39 \equiv 1 \pmod 2$
		$T^6 + T^5 + 3T^4 + T^3 + 2T + 1$		$59 \equiv 1 \pmod 2$
		$T^6 + 3T^4 + T^3 + 2T + 2$		$27 \equiv 1 \pmod 2$
		$T^6 + 4T^5 + 3T^4 + T^3 + 2T + 2$		$41 \equiv 1 \pmod 2$
		$T^6 + T^5 + 3T^4 + T^3 + 2T + 3$		$47 \equiv 1 \pmod 2$
		$T^6 + 2T^5 + 3T^4 + T^3 + 2T + 3$		$33 \equiv 1 \pmod 2$

Table 5. Divisor class numbers of Kummer extensions with $\ell = 2, t = 1$ (Cont'd)

q	δ	$Q(T)$	g	h_K
5	6	$T^6 + 3T^5 + 3T^4 + T^3 + 2T + 4$	2	$43 \equiv 1 \pmod 2$
		$T^6 + 3T^4 + T^3 + 3T + 1$		$59 \equiv 1 \pmod 2$
		$T^6 + 3T^5 + 3T^4 + T^3 + 3T + 2$		$43 \equiv 1 \pmod 2$
		$T^6 + 4T^5 + 3T^4 + T^3 + 3T + 2$		$33 \equiv 1 \pmod 2$
		$T^6 + 3T^4 + T^3 + 3T + 3$		$47 \equiv 1 \pmod 2$
		$T^6 + T^5 + 3T^4 + T^3 + 3T + 3$		$27 \equiv 1 \pmod 2$
		$T^6 + 2T^5 + 3T^4 + T^3 + 3T + 4$		$41 \equiv 1 \pmod 2$
		$T^6 + 4T^5 + 3T^4 + T^3 + 4T + 1$		$61 \equiv 1 \pmod 2$
		$T^6 + 3T^4 + T^3 + 4T + 3$		$33 \equiv 1 \pmod 2$
		$T^6 + T^5 + 3T^4 + T^3 + 4T + 3$		$17 \equiv 1 \pmod 2$
		$T^6 + 4T^5 + 3T^4 + T^3 + 4T + 3$		$39 \equiv 1 \pmod 2$
		$T^6 + 3T^4 + 2T^3 + 1$		$29 \equiv 1 \pmod 2$
		$T^6 + 2T^5 + 3T^4 + 2T^3 + 1$		$41 \equiv 1 \pmod 2$
		$T^6 + 4T^5 + 3T^4 + 2T^3 + 1$		$63 \equiv 1 \pmod 2$
		$T^6 + 3T^5 + 3T^4 + 2T^3 + 2$		$39 \equiv 1 \pmod 2$
		$T^6 + 3T^5 + 3T^4 + 2T^3 + 4$		$33 \equiv 1 \pmod 2$
		$T^6 + 3T^4 + 2T^3 + T + 2$		$33 \equiv 1 \pmod 2$
		$T^6 + 2T^5 + 3T^4 + 2T^3 + T + 2$		$47 \equiv 1 \pmod 2$
		$T^6 + 3T^4 + 2T^3 + 2T + 1$		$43 \equiv 1 \pmod 2$
		$T^6 + T^5 + 3T^4 + 2T^3 + 2T + 3$		$15 \equiv 1 \pmod 2$
		$T^6 + 2T^5 + 3T^4 + 2T^3 + 2T + 3$		$43 \equiv 1 \pmod 2$
		$T^6 + T^5 + 3T^4 + 2T^3 + 2T + 4$		$27 \equiv 1 \pmod 2$
		$T^6 + 2T^5 + 3T^4 + 2T^3 + 3T + 1$		$33 \equiv 1 \pmod 2$
		$T^6 + 3T^4 + 2T^3 + 3T + 2$		$47 \equiv 1 \pmod 2$
		$T^6 + 2T^5 + 3T^4 + 2T^3 + 4T + 2$		$29 \equiv 1 \pmod 2$
		$T^6 + 4T^5 + 3T^4 + 2T^3 + 4T + 2$		$39 \equiv 1 \pmod 2$
		$T^6 + 3T^4 + 2T^3 + 4T + 3$		$41 \equiv 1 \pmod 2$
		$T^6 + 3T^5 + 3T^4 + 2T^3 + 4T + 4$		$63 \equiv 1 \pmod 2$
		$T^6 + 4T^5 + 3T^4 + 2T^3 + 4T + 4$		$33 \equiv 1 \pmod 2$
		$T^6 + 3T^4 + 3T^3 + 1$		$29 \equiv 1 \pmod 2$
		$T^6 + T^5 + 3T^4 + 3T^3 + 1$		$63 \equiv 1 \pmod 2$
		$T^6 + 3T^5 + 3T^4 + 3T^3 + 1$		$41 \equiv 1 \pmod 2$
		$T^6 + 2T^5 + 3T^4 + 3T^3 + 2$		$39 \equiv 1 \pmod 2$
		$T^6 + 2T^5 + 3T^4 + 3T^3 + 4$		$33 \equiv 1 \pmod 2$
		$T^6 + T^5 + 3T^4 + 3T^3 + T + 2$		$39 \equiv 1 \pmod 2$
		$T^6 + 3T^5 + 3T^4 + 3T^3 + T + 2$		$29 \equiv 1 \pmod 2$
		$T^6 + 3T^4 + 3T^3 + T + 3$		$41 \equiv 1 \pmod 2$
		$T^6 + T^5 + 3T^4 + 3T^3 + T + 4$		$33 \equiv 1 \pmod 2$
		$T^6 + 2T^5 + 3T^4 + 3T^3 + T + 4$		$63 \equiv 1 \pmod 2$
		$T^6 + 3T^5 + 3T^4 + 3T^3 + 2T + 1$		$33 \equiv 1 \pmod 2$
		$T^6 + 3T^4 + 3T^3 + 2T + 2$		$47 \equiv 1 \pmod 2$
		$T^6 + 3T^4 + 3T^3 + 3T + 1$		$43 \equiv 1 \pmod 2$
		$T^6 + 3T^5 + 3T^4 + 3T^3 + 3T + 3$		$43 \equiv 1 \pmod 2$
		$T^6 + 4T^5 + 3T^4 + 3T^3 + 3T + 3$		$15 \equiv 1 \pmod 2$
		$T^6 + 4T^5 + 3T^4 + 3T^3 + 3T + 4$		$27 \equiv 1 \pmod 2$
		$T^6 + 3T^4 + 3T^3 + 4T + 2$		$33 \equiv 1 \pmod 2$
		$T^6 + 3T^5 + 3T^4 + 3T^3 + 4T + 2$		$47 \equiv 1 \pmod 2$
		$T^6 + 4T^5 + 3T^4 + 4T^3 + 1$		$19 \equiv 1 \pmod 2$
		$T^6 + 3T^4 + 4T^3 + 3$		$19 \equiv 1 \pmod 2$
		$T^6 + T^5 + 3T^4 + 4T^3 + T + 1$		$61 \equiv 1 \pmod 2$

Table 5. Divisor class numbers of Kummer extensions with $\ell = 2, t = 1$ (Cont'd)

q	δ	$Q(T)$	g	h_K
5	6	$T^6 + 3T^4 + 4T^3 + T + 3$	2	$33 \equiv 1 \pmod 2$
		$T^6 + T^5 + 3T^4 + 4T^3 + T + 3$		$39 \equiv 1 \pmod 2$
		$T^6 + 4T^5 + 3T^4 + 4T^3 + T + 3$		$17 \equiv 1 \pmod 2$
		$T^6 + 3T^4 + 4T^3 + 2T + 1$		$59 \equiv 1 \pmod 2$
		$T^6 + T^5 + 3T^4 + 4T^3 + 2T + 2$		$33 \equiv 1 \pmod 2$
		$T^6 + 2T^5 + 3T^4 + 4T^3 + 2T + 2$		$43 \equiv 1 \pmod 2$
		$T^6 + 3T^4 + 4T^3 + 2T + 3$		$47 \equiv 1 \pmod 2$
		$T^6 + 4T^5 + 3T^4 + 4T^3 + 2T + 3$		$27 \equiv 1 \pmod 2$
		$T^6 + 3T^5 + 3T^4 + 4T^3 + 2T + 4$		$41 \equiv 1 \pmod 2$
		$T^6 + 4T^5 + 3T^4 + 4T^3 + 3T + 1$		$59 \equiv 1 \pmod 2$
		$T^6 + 3T^4 + 4T^3 + 3T + 2$		$27 \equiv 1 \pmod 2$
		$T^6 + T^5 + 3T^4 + 4T^3 + 3T + 2$		$41 \equiv 1 \pmod 2$
		$T^6 + 3T^5 + 3T^4 + 4T^3 + 3T + 3$		$33 \equiv 1 \pmod 2$
		$T^6 + 4T^5 + 3T^4 + 4T^3 + 3T + 3$		$47 \equiv 1 \pmod 2$
		$T^6 + 2T^5 + 3T^4 + 4T^3 + 3T + 4$		$43 \equiv 1 \pmod 2$
		$T^6 + 3T^4 + 4T^3 + 4T + 1$		$17 \equiv 1 \pmod 2$
		$T^6 + 3T^5 + 3T^4 + 4T^3 + 4T + 1$		$61 \equiv 1 \pmod 2$
		$T^6 + 4T^5 + 3T^4 + 4T^3 + 4T + 2$		$33 \equiv 1 \pmod 2$
		$T^6 + 3T^5 + 3T^4 + 4T^3 + 4T + 3$		$39 \equiv 1 \pmod 2$
		$T^6 + T^5 + 4T^4 + 2$		$15 \equiv 1 \pmod 2$
		$T^6 + 4T^5 + 4T^4 + 2$		$15 \equiv 1 \pmod 2$
		$T^6 + 4T^4 + 3$		$35 \equiv 1 \pmod 2$
		$T^6 + 2T^5 + 4T^4 + 4$		$45 \equiv 1 \pmod 2$
		$T^6 + 3T^5 + 4T^4 + 4$		$45 \equiv 1 \pmod 2$
		$T^6 + 4T^4 + T + 3$		$25 \equiv 1 \pmod 2$
		$T^6 + T^5 + 4T^4 + T + 4$		$45 \equiv 1 \pmod 2$
		$T^6 + 2T^5 + 4T^4 + T + 4$		$45 \equiv 1 \pmod 2$
		$T^6 + 4T^5 + 4T^4 + T + 4$		$45 \equiv 1 \pmod 2$
		$T^6 + 4T^5 + 4T^4 + 2T + 2$		$15 \equiv 1 \pmod 2$
		$T^6 + 2T^5 + 4T^4 + 2T + 3$		$25 \equiv 1 \pmod 2$
		$T^6 + 3T^5 + 4T^4 + 2T + 3$		$25 \equiv 1 \pmod 2$
		$T^6 + 4T^5 + 4T^4 + 2T + 3$		$35 \equiv 1 \pmod 2$
		$T^6 + 4T^4 + 2T + 4$		$45 \equiv 1 \pmod 2$
		$T^6 + 3T^5 + 4T^4 + 2T + 4$		$45 \equiv 1 \pmod 2$
		$T^6 + T^5 + 4T^4 + 3T + 2$		$15 \equiv 1 \pmod 2$
		$T^6 + T^5 + 4T^4 + 3T + 3$		$35 \equiv 1 \pmod 2$
		$T^6 + 2T^5 + 4T^4 + 3T + 3$		$25 \equiv 1 \pmod 2$
		$T^6 + 3T^5 + 4T^4 + 3T + 3$		$25 \equiv 1 \pmod 2$
		$T^6 + 4T^4 + 3T + 4$		$45 \equiv 1 \pmod 2$
		$T^6 + 2T^5 + 4T^4 + 3T + 4$		$45 \equiv 1 \pmod 2$
		$T^6 + 4T^4 + 4T + 3$		$25 \equiv 1 \pmod 2$
		$T^6 + T^5 + 4T^4 + 4T + 4$		$45 \equiv 1 \pmod 2$
		$T^6 + 3T^5 + 4T^4 + 4T + 4$		$45 \equiv 1 \pmod 2$
		$T^6 + 4T^5 + 4T^4 + 4T + 4$		$45 \equiv 1 \pmod 2$
		$T^6 + T^5 + 4T^4 + T^3 + 1$		$59 \equiv 1 \pmod 2$
		$T^6 + 4T^4 + T^3 + 2$		$17 \equiv 1 \pmod 2$
		$T^6 + 4T^4 + T^3 + 3$		$33 \equiv 1 \pmod 2$
		$T^6 + 4T^5 + 4T^4 + T^3 + 4$		$61 \equiv 1 \pmod 2$
		$T^6 + 4T^4 + T^3 + T + 1$		$61 \equiv 1 \pmod 2$
		$T^6 + T^5 + 4T^4 + T^3 + T + 1$		$43 \equiv 1 \pmod 2$

Table 5. Divisor class numbers of Kummer extensions with $\ell = 2, t = 1$ (Cont'd)

q	δ	$Q(T)$	g	h_K
5	6	$T^6 + 2T^5 + 4T^4 + T^3 + T + 2$	2	$41 \equiv 1 \pmod 2$
		$T^6 + 3T^5 + 4T^4 + T^3 + T + 2$		$33 \equiv 1 \pmod 2$
		$T^6 + 4T^4 + T^3 + T + 4$		$29 \equiv 1 \pmod 2$
		$T^6 + 4T^4 + T^3 + 2T + 1$		$41 \equiv 1 \pmod 2$
		$T^6 + T^5 + 4T^4 + T^3 + 2T + 2$		$43 \equiv 1 \pmod 2$
		$T^6 + 2T^5 + 4T^4 + T^3 + 2T + 2$		$29 \equiv 1 \pmod 2$
		$T^6 + 2T^5 + 4T^4 + T^3 + 2T + 4$		$61 \equiv 1 \pmod 2$
		$T^6 + 4T^5 + 4T^4 + T^3 + 2T + 4$		$33 \equiv 1 \pmod 2$
		$T^6 + 3T^5 + 4T^4 + T^3 + 3T + 1$		$61 \equiv 1 \pmod 2$
		$T^6 + 2T^5 + 4T^4 + T^3 + 3T + 2$		$17 \equiv 1 \pmod 2$
		$T^6 + 2T^5 + 4T^4 + T^3 + 3T + 3$		$33 \equiv 1 \pmod 2$
		$T^6 + T^5 + 4T^4 + T^3 + 3T + 4$		$59 \equiv 1 \pmod 2$
		$T^6 + 2T^5 + 4T^4 + T^3 + 4T + 1$		$59 \equiv 1 \pmod 2$
		$T^6 + T^5 + 4T^4 + T^3 + 4T + 3$		$27 \equiv 1 \pmod 2$
		$T^6 + 4T^4 + T^3 + 4T + 4$		$59 \equiv 1 \pmod 2$
		$T^6 + 3T^5 + 4T^4 + 2T^3 + 2$		$11 \equiv 1 \pmod 2$
		$T^6 + 4T^5 + 4T^4 + 2T^3 + 2$		$47 \equiv 1 \pmod 2$
		$T^6 + 2T^5 + 4T^4 + 2T^3 + 3$		$39 \equiv 1 \pmod 2$
		$T^6 + 4T^4 + 2T^3 + 4$		$41 \equiv 1 \pmod 2$
		$T^6 + 2T^5 + 4T^4 + 2T^3 + T + 1$		$63 \equiv 1 \pmod 2$
		$T^6 + 3T^5 + 4T^4 + 2T^3 + T + 2$		$39 \equiv 1 \pmod 2$
		$T^6 + T^5 + 4T^4 + 2T^3 + T + 3$		$39 \equiv 1 \pmod 2$
		$T^6 + 4T^5 + 4T^4 + 2T^3 + 2T + 1$		$41 \equiv 1 \pmod 2$
		$T^6 + T^5 + 4T^4 + 2T^3 + 2T + 2$		$11 \equiv 1 \pmod 2$
		$T^6 + 2T^5 + 4T^4 + 2T^3 + 2T + 2$		$39 \equiv 1 \pmod 2$
		$T^6 + 4T^4 + 2T^3 + 2T + 3$		$47 \equiv 1 \pmod 2$
		$T^6 + 3T^5 + 4T^4 + 2T^3 + 3T + 1$		$41 \equiv 1 \pmod 2$
		$T^6 + 4T^4 + 2T^3 + 3T + 2$		$13 \equiv 1 \pmod 2$
		$T^6 + T^5 + 4T^4 + 2T^3 + 3T + 2$		$47 \equiv 1 \pmod 2$
		$T^6 + 4T^4 + 2T^3 + 3T + 3$		$17 \equiv 1 \pmod 2$
		$T^6 + 4T^5 + 4T^4 + 2T^3 + 4T + 2$		$13 \equiv 1 \pmod 2$
		$T^6 + 3T^5 + 4T^4 + 2T^3 + 4T + 3$		$47 \equiv 1 \pmod 2$
		$T^6 + 4T^5 + 4T^4 + 2T^3 + 4T + 3$		$17 \equiv 1 \pmod 2$
		$T^6 + T^5 + 4T^4 + 2T^3 + 4T + 4$		$41 \equiv 1 \pmod 2$
		$T^6 + T^5 + 4T^4 + 3T^3 + 2$		$47 \equiv 1 \pmod 2$
		$T^6 + 2T^5 + 4T^4 + 3T^3 + 2$		$11 \equiv 1 \pmod 2$
		$T^6 + 3T^5 + 4T^4 + 3T^3 + 3$		$39 \equiv 1 \pmod 2$
		$T^6 + 4T^4 + 3T^3 + 4$		$41 \equiv 1 \pmod 2$
		$T^6 + T^5 + 4T^4 + 3T^3 + T + 2$		$13 \equiv 1 \pmod 2$
		$T^6 + T^5 + 4T^4 + 3T^3 + T + 3$		$17 \equiv 1 \pmod 2$
		$T^6 + 2T^5 + 4T^4 + 3T^3 + T + 3$		$47 \equiv 1 \pmod 2$
		$T^6 + 4T^5 + 4T^4 + 3T^3 + T + 4$		$41 \equiv 1 \pmod 2$
		$T^6 + 2T^5 + 4T^4 + 3T^3 + 2T + 1$		$41 \equiv 1 \pmod 2$
		$T^6 + 4T^4 + 3T^3 + 2T + 2$		$13 \equiv 1 \pmod 2$
		$T^6 + 4T^5 + 4T^4 + 3T^3 + 2T + 2$		$47 \equiv 1 \pmod 2$
		$T^6 + 4T^4 + 3T^3 + 2T + 3$		$17 \equiv 1 \pmod 2$
		$T^6 + T^5 + 4T^4 + 3T^3 + 3T + 1$		$41 \equiv 1 \pmod 2$
		$T^6 + 3T^5 + 4T^4 + 3T^3 + 3T + 2$		$39 \equiv 1 \pmod 2$
		$T^6 + 4T^5 + 4T^4 + 3T^3 + 3T + 2$		$11 \equiv 1 \pmod 2$
		$T^6 + 4T^4 + 3T^3 + 3T + 3$		$47 \equiv 1 \pmod 2$

Table 5. Divisor class numbers of Kummer extensions with $\ell = 2, t = 1$ (Cont'd)

q	δ	$Q(T)$	g	h_K
5	6	$T^6 + 3T^5 + 4T^4 + 3T^3 + 4T + 1$	2	$63 \equiv 1 \pmod 2$
		$T^6 + 2T^5 + 4T^4 + 3T^3 + 4T + 2$		$39 \equiv 1 \pmod 2$
		$T^6 + 4T^5 + 4T^4 + 3T^3 + 4T + 3$		$39 \equiv 1 \pmod 2$
		$T^6 + 4T^5 + 4T^4 + 4T^3 + 1$		$59 \equiv 1 \pmod 2$
		$T^6 + 4T^4 + 4T^3 + 2$		$17 \equiv 1 \pmod 2$
		$T^6 + 4T^4 + 4T^3 + 3$		$33 \equiv 1 \pmod 2$
		$T^6 + T^5 + 4T^4 + 4T^3 + 4$		$61 \equiv 1 \pmod 2$
		$T^6 + 3T^5 + 4T^4 + 4T^3 + T + 1$		$59 \equiv 1 \pmod 2$
		$T^6 + 4T^5 + 4T^4 + 4T^3 + T + 3$		$27 \equiv 1 \pmod 2$
		$T^6 + 4T^4 + 4T^3 + T + 4$		$59 \equiv 1 \pmod 2$
		$T^6 + 2T^5 + 4T^4 + 4T^3 + 2T + 1$		$61 \equiv 1 \pmod 2$
		$T^6 + 3T^5 + 4T^4 + 4T^3 + 2T + 2$		$17 \equiv 1 \pmod 2$
		$T^6 + 3T^5 + 4T^4 + 4T^3 + 2T + 3$		$33 \equiv 1 \pmod 2$
		$T^6 + 4T^5 + 4T^4 + 4T^3 + 2T + 4$		$59 \equiv 1 \pmod 2$
		$T^6 + 4T^4 + 4T^3 + 3T + 1$		$41 \equiv 1 \pmod 2$
		$T^6 + 3T^5 + 4T^4 + 4T^3 + 3T + 2$		$29 \equiv 1 \pmod 2$
		$T^6 + 4T^5 + 4T^4 + 4T^3 + 3T + 2$		$43 \equiv 1 \pmod 2$
		$T^6 + T^5 + 4T^4 + 4T^3 + 3T + 4$		$33 \equiv 1 \pmod 2$
		$T^6 + 3T^5 + 4T^4 + 4T^3 + 3T + 4$		$61 \equiv 1 \pmod 2$
		$T^6 + 4T^4 + 4T^3 + 4T + 1$		$61 \equiv 1 \pmod 2$
		$T^6 + 4T^5 + 4T^4 + 4T^3 + 4T + 1$		$43 \equiv 1 \pmod 2$
		$T^6 + 2T^5 + 4T^4 + 4T^3 + 4T + 2$		$33 \equiv 1 \pmod 2$
		$T^6 + 3T^5 + 4T^4 + 4T^3 + 4T + 2$		$41 \equiv 1 \pmod 2$
		$T^6 + 4T^4 + 4T^3 + 4T + 4$		$29 \equiv 1 \pmod 2$

TABLE 6. Divisor class numbers of Kummer extensions with $\ell = 3, t = 2$

q	δ	$P_1(T)$	$P_2(T)$	$Q(T)$	g	h_K
7	6	T^2+1	T^4+T+1	$T^6+T^4+T^3+T^2+T+1$	4	$4963 \equiv 1 \pmod 3$
			T^4+T+2	$T^6+T^4+T^3+2T^2+T+2$		$2353 \equiv 1 \pmod 3$
			T^4+T+4	$T^6+T^4+T^3+4T^2+T+4$		$4225 \equiv 1 \pmod 3$
			T^4+2T+3	$T^6+T^4+2T^3+3T^2+2T+3$		$1267 \equiv 1 \pmod 3$
			T^4+2T+5	$T^6+T^4+2T^3+5T^2+2T+5$		$5308 \equiv 1 \pmod 3$
			T^4+2T+6	$T^6+T^4+2T^3+6T^2+2T+6$		$4783 \equiv 1 \pmod 3$
			T^4+5T+3	$T^6+T^4+5T^3+3T^2+5T+3$		$1267 \equiv 1 \pmod 3$
			T^4+5T+5	$T^6+T^4+5T^3+5T^2+5T+5$		$5308 \equiv 1 \pmod 3$
			T^4+5T+6	$T^6+T^4+5T^3+6T^2+5T+6$		$4783 \equiv 1 \pmod 3$
			T^4+6T+1	$T^6+T^4+6T^3+T^2+6T+1$		$4963 \equiv 1 \pmod 3$
			T^4+6T+2	$T^6+T^4+6T^3+2T^2+6T+2$		$2353 \equiv 1 \pmod 3$
			T^4+6T+4	$T^6+T^4+6T^3+4T^2+6T+4$		$4225 \equiv 1 \pmod 3$
			T^4+T^3+1	$T^6+T^5+T^4+T^3+T^2+1$		$4963 \equiv 1 \pmod 3$
			T^4+T^3+3	$T^6+T^5+T^4+T^3+3T^2+3$		$2881 \equiv 1 \pmod 3$
			T^4+T^3+T+3	$T^6+T^5+T^4+2T^3+3T^2+T+3$		$2473 \equiv 1 \pmod 3$
			T^4+T^3+2T+6	$T^6+T^5+T^4+3T^3+6T^2+2T+6$		$10309 \equiv 1 \pmod 3$
			T^4+T^3+3T+1	$T^6+T^5+T^4+4T^3+T^2+3T+1$		$4963 \equiv 1 \pmod 3$
			T^4+T^3+4T+2	$T^6+T^5+T^4+5T^3+2T^2+4T+2$		$1807 \equiv 1 \pmod 3$
			T^4+T^3+5T+4	$T^6+T^5+T^4+6T^3+4T^2+5T+4$		$3052 \equiv 1 \pmod 3$
			T^4+T^3+5T+6	$T^6+T^5+T^4+6T^3+6T^2+5T+6$		$3049 \equiv 1 \pmod 3$
		T^2+2	T^4+T+1	$T^6+2T^4+T^3+T^2+2T+2$		$2353 \equiv 1 \pmod 3$
			T^4+T+2	$T^6+2T^4+T^3+2T^2+2T+4$		$4225 \equiv 1 \pmod 3$
			T^4+T+4	$T^6+2T^4+T^3+4T^2+2T+1$		$4963 \equiv 1 \pmod 3$
			T^4+2T+3	$T^6+2T^4+2T^3+3T^2+4T+6$		$4783 \equiv 1 \pmod 3$
			T^4+2T+5	$T^6+2T^4+2T^3+5T^2+4T+3$		$1267 \equiv 1 \pmod 3$
			T^4+2T+6	$T^6+2T^4+2T^3+6T^2+4T+5$		$5308 \equiv 1 \pmod 3$
			T^4+5T+3	$T^6+2T^4+5T^3+3T^2+3T+6$		$4783 \equiv 1 \pmod 3$
			T^4+5T+5	$T^6+2T^4+5T^3+5T^2+3T+3$		$1267 \equiv 1 \pmod 3$
			T^4+5T+6	$T^6+2T^4+5T^3+6T^2+3T+5$		$5308 \equiv 1 \pmod 3$
			T^4+6T+1	$T^6+2T^4+6T^3+T^2+5T+2$		$2353 \equiv 1 \pmod 3$
			T^4+6T+2	$T^6+2T^4+6T^3+2T^2+5T+4$		$4225 \equiv 1 \pmod 3$
			T^4+6T+4	$T^6+2T^4+6T^3+4T^2+5T+1$		$4963 \equiv 1 \pmod 3$
			T^4+T^3+1	$T^6+T^5+2T^4+2T^3+T^2+2$		$1216 \equiv 1 \pmod 3$
			T^4+T^3+3	$T^6+T^5+2T^4+2T^3+3T^2+6$		$4783 \equiv 1 \pmod 3$
			T^4+T^3+T+3	$T^6+T^5+2T^4+3T^3+3T^2+2T+6$		$10309 \equiv 1 \pmod 3$
			T^4+T^3+2T+6	$T^6+T^5+2T^4+4T^3+6T^2+4T+5$		$3571 \equiv 1 \pmod 3$
			T^4+T^3+3T+1	$T^6+T^5+2T^4+5T^3+T^2+6T+2$		$1876 \equiv 1 \pmod 3$
			T^4+T^3+3T+2	$T^6+T^5+2T^4+6T^3+2T^2+T+4$		$4963 \equiv 1 \pmod 3$
			T^4+T^3+3T+4	$T^6+T^5+2T^4+4T^2+3T+1$		$1891 \equiv 1 \pmod 3$
			T^4+T^3+3T+6	$T^6+T^5+2T^4+6T^2+3T+5$		$1084 \equiv 1 \pmod 3$
		T^2+4	T^4+T+1	$T^6+4T^4+T^3+T^2+4T+4$		$4225 \equiv 1 \pmod 3$
			T^4+T+2	$T^6+4T^4+T^3+2T^2+4T+1$		$4963 \equiv 1 \pmod 3$
			T^4+T+4	$T^6+4T^4+T^3+4T^2+4T+2$		$2353 \equiv 1 \pmod 3$
			T^4+2T+3	$T^6+4T^4+2T^3+3T^2+T+5$		$5308 \equiv 1 \pmod 3$
			T^4+2T+5	$T^6+4T^4+2T^3+5T^2+T+6$		$4783 \equiv 1 \pmod 3$
			T^4+2T+6	$T^6+4T^4+2T^3+6T^2+T+3$		$1267 \equiv 1 \pmod 3$
			T^4+5T+3	$T^6+4T^4+5T^3+3T^2+6T+5$		$5308 \equiv 1 \pmod 3$
			T^4+5T+5	$T^6+4T^4+5T^3+5T^2+6T+6$		$4783 \equiv 1 \pmod 3$
			T^4+5T+6	$T^6+4T^4+5T^3+6T^2+6T+3$		$1267 \equiv 1 \pmod 3$
			T^4+6T+1	$T^6+4T^4+6T^3+T^2+3T+4$		$4225 \equiv 1 \pmod 3$
			T^4+6T+2	$T^6+4T^4+6T^3+2T^2+3T+1$		$4963 \equiv 1 \pmod 3$
			T^4+6T+4	$T^6+4T^4+6T^3+4T^2+3T+2$		$2353 \equiv 1 \pmod 3$
			T^4+T^3+1	$T^6+T^5+4T^4+4T^3+T^2+4$		$2611 \equiv 1 \pmod 3$
			T^4+T^3+3	$T^6+T^5+4T^4+4T^3+3T^2+5$		$7189 \equiv 1 \pmod 3$
			T^4+T^3+T+3	$T^6+T^5+4T^4+5T^3+3T^2+4T+5$		$2284 \equiv 1 \pmod 3$
			T^4+T^3+2T+6	$T^6+T^5+4T^4+6T^3+6T^2+T+3$		$6643 \equiv 1 \pmod 3$
			T^4+T^3+3T+1	$T^6+T^5+4T^4+T^2+5T+4$		$1483 \equiv 1 \pmod 3$
			T^4+T^3+5T+2	$T^6+T^5+4T^4+T^3+2T^2+2T+1$		$2548 \equiv 1 \pmod 3$
			T^4+T^3+5T+4	$T^6+T^5+4T^4+2T^3+4T^2+6T+2$		$3484 \equiv 1 \pmod 3$
			T^4+T^3+5T+6	$T^6+T^5+4T^4+2T^3+6T^2+6T+3$		$1204 \equiv 1 \pmod 3$
		T^2+T+3	T^4+T+1	$T^6+T^5+3T^4+T^3+2T^2+4T+3$		$3724 \equiv 1 \pmod 3$
			T^4+T+2	$T^6+T^5+3T^4+T^3+3T^2+5T+6$		$8269 \equiv 1 \pmod 3$
			T^4+T+4	$T^6+T^5+3T^4+T^3+5T^2+5$		$1807 \equiv 1 \pmod 3$

Table 6. Divisor class numbers of Kummer extensions with $\ell = 3, t = 2$ (Cont'd)

q	δ	$P_1(T)$	$P_2(T)$	$Q(T)$	g	h_K
7	6	T^2+T+3	T^4+2T+3	$T^6+T^5+3T^4+2T^3+5T^2+2T+2$	4	$2521 \equiv 1 \pmod 3$
			T^4+2T+5	$T^6+T^5+3T^4+2T^3+4T+1$		$10816 \equiv 1 \pmod 3$
			T^4+2T+6	$T^6+T^5+3T^4+2T^3+T^2+5T+4$		$4783 \equiv 1 \pmod 3$
			T^4+5T+3	$T^6+T^5+3T^4+5T^3+T^2+4T+2$		$1939 \equiv 1 \pmod 3$
			T^4+5T+5	$T^6+T^5+3T^4+5T^3+3T^2+6T+1$		$7189 \equiv 1 \pmod 3$
			T^4+5T+6	$T^6+T^5+3T^4+5T^3+4T^2+4$		$2548 \equiv 1 \pmod 3$
			T^4+6T+1	$T^6+T^5+3T^4+6T^3+5T+3$		$1033 \equiv 1 \pmod 3$
			T^4+6T+2	$T^6+T^5+3T^4+6T^3+T^2+6T+6$		$1648 \equiv 1 \pmod 3$
			T^4+6T+4	$T^6+T^5+3T^4+6T^3+3T^2+T+5$		$3484 \equiv 1 \pmod 3$
			T^4+T^3+1	$T^6+2T^5+4T^4+3T^3+T^2+T+3$		$3052 \equiv 1 \pmod 3$
			T^4+T^3+3	$T^6+2T^5+4T^4+3T^3+3T^2+3T+2$		$3049 \equiv 1 \pmod 3$
			T^4+T^3+T+3	$T^6+2T^5+4T^4+4T^3+4T^2+6T+2$		$1807 \equiv 1 \pmod 3$
			T^4+T^3+2T+6	$T^6+2T^5+4T^4+5T^3+T^2+5T+4$		$4963 \equiv 1 \pmod 3$
			T^4+T^3+3T+1	$T^6+2T^5+4T^4+6T^3+4T^2+3T+3$		$10309 \equiv 1 \pmod 3$
			T^4+T^3+5T+2	$T^6+2T^5+4T^4+6T^2+6$		$2473 \equiv 1 \pmod 3$
			T^4+T^3+5T+4	$T^6+2T^5+4T^4+T^3+2T^2+5T+5$		$4963 \equiv 1 \pmod 3$
			T^4+T^3+5T+6	$T^6+2T^5+4T^4+T^3+4T^2+4$		$2881 \equiv 1 \pmod 3$
		T^2+T+4	T^4+T+1	$T^6+T^5+4T^4+T^3+2T^2+5T+4$		$4783 \equiv 1 \pmod 3$
			T^4+T+2	$T^6+T^5+4T^4+T^3+3T^2+6T+1$		$2593 \equiv 1 \pmod 3$
			T^4+T+4	$T^6+T^5+4T^4+T^3+5T^2+T+2$		$5200 \equiv 1 \pmod 3$
			T^4+2T+3	$T^6+T^5+4T^4+2T^3+5T^2+4T+5$		$5668 \equiv 1 \pmod 3$
			T^4+2T+5	$T^6+T^5+4T^4+2T^3+6T+6$		$3328 \equiv 1 \pmod 3$
			T^4+2T+6	$T^6+T^5+4T^4+2T^3+T^2+3$		$2593 \equiv 1 \pmod 3$
			T^4+5T+3	$T^6+T^5+4T^4+5T^3+T^2+2T+5$		$1039 \equiv 1 \pmod 3$
			T^4+5T+5	$T^6+T^5+4T^4+5T^3+3T^2+4T+6$		$2716 \equiv 1 \pmod 3$
			T^4+5T+6	$T^6+T^5+4T^4+5T^3+4T^2+5T+3$		$4069 \equiv 1 \pmod 3$
			T^4+6T+1	$T^6+T^5+4T^4+6T^3+4T+4$		$2191 \equiv 1 \pmod 3$
			T^4+6T+2	$T^6+T^5+4T^4+6T^3+T^2+5T+1$		$10816 \equiv 1 \pmod 3$
			T^4+6T+4	$T^6+T^5+4T^4+6T^3+3T^2+2$		$2212 \equiv 1 \pmod 3$
			T^4+T^3+1	$T^6+2T^5+5T^4+4T^3+T^2+T+4$		$1891 \equiv 1 \pmod 3$
			T^4+T^3+3	$T^6+2T^5+5T^4+4T^3+3T^2+3T+5$		$1084 \equiv 1 \pmod 3$
			T^4+T^3+T+3	$T^6+2T^5+5T^4+5T^3+4T^2+5$		$4963 \equiv 1 \pmod 3$
			T^4+T^3+2T+6	$T^6+2T^5+5T^4+6T^3+T^2+3$		$1876 \equiv 1 \pmod 3$
			T^4+T^3+3T+1	$T^6+2T^5+5T^4+4T^2+6T+4$		$3571 \equiv 1 \pmod 3$
			T^4+T^3+4T+2	$T^6+2T^5+5T^4+T^3+6T^2+4T+1$		$10309 \equiv 1 \pmod 3$
			T^4+T^3+5T+4	$T^6+2T^5+5T^4+2T^3+2T^2+3T+2$		$1216 \equiv 1 \pmod 3$
			T^4+T^3+5T+6	$T^6+2T^5+5T^4+2T^3+4T^2+5T+3$		$4783 \equiv 1 \pmod 3$
		T^2+T+6	T^4+T+1	$T^6+T^5+6T^4+T^3+2T^2+6$		$4732 \equiv 1 \pmod 3$
			T^4+T+2	$T^6+T^5+6T^4+T^3+3T^2+T+5$		$3049 \equiv 1 \pmod 3$
			T^4+T+4	$T^6+T^5+6T^4+T^3+5T^2+3T+3$		$1648 \equiv 1 \pmod 3$
			T^4+2T+3	$T^6+T^5+6T^4+2T^3+5T^2+T+4$		$2593 \equiv 1 \pmod 3$
			T^4+2T+5	$T^6+T^5+6T^4+2T^3+3T+2$		$3913 \equiv 1 \pmod 3$
			T^4+2T+6	$T^6+T^5+6T^4+2T^3+T^2+4T+1$		$4963 \equiv 1 \pmod 3$
			T^4+5T+3	$T^6+T^5+6T^4+5T^3+T^2+5T+4$		$1807 \equiv 1 \pmod 3$
			T^4+5T+5	$T^6+T^5+6T^4+5T^3+3T^2+2$		$2797 \equiv 1 \pmod 3$
			T^4+5T+6	$T^6+T^5+6T^4+5T^3+4T^2+T+1$		$2521 \equiv 1 \pmod 3$
			T^4+6T+1	$T^6+T^5+6T^4+6T^3+2T+6$		$3484 \equiv 1 \pmod 3$
			T^4+6T+2	$T^6+T^5+6T^4+6T^3+T^2+3T+5$		$1939 \equiv 1 \pmod 3$
			T^4+6T+4	$T^6+T^5+6T^4+6T^3+3T^2+5T+3$		$11011 \equiv 1 \pmod 3$
			T^4+T^3+1	$T^6+2T^5+6T^3+T^2+T+6$		$3484 \equiv 1 \pmod 3$
			T^4+T^3+3	$T^6+2T^5+6T^3+3T^2+3T+4$		$1204 \equiv 1 \pmod 3$
			T^4+T^3+T+3	$T^6+2T^5+4T^2+2T+4$		$2548 \equiv 1 \pmod 3$
			T^4+T^3+2T+6	$T^6+2T^5+T^3+T^2+4T+1$		$1483 \equiv 1 \pmod 3$
			T^4+T^3+3T+1	$T^6+2T^5+2T^3+4T^2+5T+6$		$6643 \equiv 1 \pmod 3$
			T^4+T^3+4T+2	$T^6+2T^5+3T^3+6T^2+5T+5$		$2284 \equiv 1 \pmod 3$
			T^4+T^3+5T+4	$T^6+2T^5+4T^3+2T^2+6T+3$		$2611 \equiv 1 \pmod 3$
			T^4+T^3+5T+6	$T^6+2T^5+4T^3+4T^2+T+1$		$7189 \equiv 1 \pmod 3$
		T^2+2T+2	T^4+T+1	$T^6+2T^5+2T^4+T^3+3T^2+4T+2$		$5200 \equiv 1 \pmod 3$
			T^4+T+2	$T^6+2T^5+2T^4+T^3+4T^2+6T+4$		$4783 \equiv 1 \pmod 3$
			T^4+T+4	$T^6+2T^5+2T^4+T^3+6T^2+3T+1$		$2593 \equiv 1 \pmod 3$
			T^4+2T+3	$T^6+2T^5+2T^4+2T^3+3T+6$		$3328 \equiv 1 \pmod 3$
			T^4+2T+5	$T^6+2T^5+2T^4+2T^3+2T^2+3$		$2593 \equiv 1 \pmod 3$
			T^4+2T+6	$T^6+2T^5+2T^4+2T^3+3T^2+2T+5$		$5668 \equiv 1 \pmod 3$
			T^4+5T+3	$T^6+2T^5+2T^4+5T^3+6T^2+2T+6$		$2716 \equiv 1 \pmod 3$

Table 6. Divisor class numbers of Kummer extensions with $\ell = 3, t = 2$ (Cont'd)

q	δ	$P_1(T)$	$P_2(T)$	$Q(T)$	g	h_K
7	6	T^2+2T+2	T^4+5T+5	$T^6+2T^5+2T^4+5T^3+T^2+6T+3$	4	$4069 \equiv 1 \pmod 3$
			T^4+5T+6	$T^6+2T^5+2T^4+5T^3+2T^2+T+5$		$1039 \equiv 1 \pmod 3$
			T^4+6T+1	$T^6+2T^5+2T^4+6T^3+6T^2+2$		$2212 \equiv 1 \pmod 3$
			T^4+6T+2	$T^6+2T^5+2T^4+6T^3+2T+4$		$2191 \equiv 1 \pmod 3$
			T^4+6T+4	$T^6+2T^5+2T^4+6T^3+2T^2+6T+1$		$10816 \equiv 1 \pmod 3$
			T^4+T^3+1	$T^6+3T^5+4T^4+2T^3+T^2+2T+2$		$3049 \equiv 1 \pmod 3$
			T^4+T^3+3	$T^6+3T^5+4T^4+2T^3+3T^2+6T+6$		$2716 \equiv 1 \pmod 3$
			T^4+T^3+T+3	$T^6+3T^5+4T^4+3T^3+5T^2+T+6$		$2473 \equiv 1 \pmod 3$
			T^4+T^3+2T+6	$T^6+3T^5+4T^4+4T^3+3T^2+2T+5$		$2119 \equiv 1 \pmod 3$
			T^4+T^3+3T+1	$T^6+3T^5+4T^4+5T^3+T+2$		$3049 \equiv 1 \pmod 3$
			T^4+T^3+4T+2	$T^6+3T^5+4T^4+6T^3+3T^2+5T+4$		$1117 \equiv 1 \pmod 3$
			T^4+T^3+5T+4	$T^6+3T^5+4T^4+4T+1$		$4963 \equiv 1 \pmod 3$
			T^4+T^3+5T+6	$T^6+3T^5+4T^4+2T^2+T+5$		$6292 \equiv 1 \pmod 3$
		T^2+2T+3	T^4+T+1	$T^6+2T^5+3T^4+T^3+3T^2+5T+3$		$1648 \equiv 1 \pmod 3$
			T^4+T+2	$T^6+2T^5+3T^4+T^3+4T^2+6$		$4732 \equiv 1 \pmod 3$
			T^4+T+4	$T^6+2T^5+3T^4+T^3+6T^2+4T+5$		$3049 \equiv 1 \pmod 3$
			T^4+2T+3	$T^6+2T^5+3T^4+2T^3+5T+2$		$3913 \equiv 1 \pmod 3$
			T^4+2T+5	$T^6+2T^5+3T^4+2T^3+2T^2+2T+1$		$4963 \equiv 1 \pmod 3$
			T^4+2T+6	$T^6+2T^5+3T^4+2T^3+3T^2+4T+4$		$2593 \equiv 1 \pmod 3$
			T^4+5T+3	$T^6+2T^5+3T^4+5T^3+6T^2+2$		$2797 \equiv 1 \pmod 3$
			T^4+5T+5	$T^6+2T^5+3T^4+5T^3+T^2+4T+1$		$2521 \equiv 1 \pmod 3$
			T^4+5T+6	$T^6+2T^5+3T^4+5T^3+2T^2+6T+4$		$1807 \equiv 1 \pmod 3$
			T^4+6T+1	$T^6+2T^5+3T^4+6T^3+6T^2+6T+3$		$11011 \equiv 1 \pmod 3$
			T^4+6T+2	$T^6+2T^5+3T^4+6T^3+T+6$		$3484 \equiv 1 \pmod 3$
			T^4+6T+4	$T^6+2T^5+3T^4+6T^3+2T^2+5T+5$		$1939 \equiv 1 \pmod 3$
			T^4+T^3+1	$T^6+3T^5+5T^4+3T^3+T^2+2T+3$		$2797 \equiv 1 \pmod 3$
			T^4+T^3+3	$T^6+3T^5+5T^4+3T^3+3T^2+6T+2$		$2797 \equiv 1 \pmod 3$
			T^4+T^3+T+3	$T^6+3T^5+5T^4+4T^3+5T^2+2T+2$		$3952 \equiv 1 \pmod 3$
			T^4+T^3+2T+6	$T^6+3T^5+5T^4+5T^3+3T^2+4T+4$		$2275 \equiv 1 \pmod 3$
			T^4+T^3+3T+1	$T^6+3T^5+5T^4+6T^3+4T+3$		$1648 \equiv 1 \pmod 3$
			T^4+T^3+4T+2	$T^6+3T^5+5T^4+3T^2+2T+6$		$4303 \equiv 1 \pmod 3$
			T^4+T^3+5T+4	$T^6+3T^5+5T^4+T^3+2T+5$		$2353 \equiv 1 \pmod 3$
			T^4+T^3+5T+6	$T^6+3T^5+5T^4+T^3+2T^2+6T+4$		$2797 \equiv 1 \pmod 3$
		T^2+2T+5	T^4+T+1	$T^6+2T^5+5T^4+T^3+3T^2+5$		$1807 \equiv 1 \pmod 3$
			T^4+T+2	$T^6+2T^5+5T^4+T^3+4T^2+2T+3$		$3724 \equiv 1 \pmod 3$
			T^4+T+4	$T^6+2T^5+5T^4+T^3+6T^2+6T+6$		$8269 \equiv 1 \pmod 3$
			T^4+2T+3	$T^6+2T^5+5T^4+2T^3+2T+1$		$10816 \equiv 1 \pmod 3$
			T^4+2T+5	$T^6+2T^5+5T^4+2T^3+2T^2+6T+4$		$4783 \equiv 1 \pmod 3$
			T^4+2T+6	$T^6+2T^5+5T^4+2T^3+3T^2+T+2$		$2521 \equiv 1 \pmod 3$
			T^4+5T+3	$T^6+2T^5+5T^4+5T^3+6T^2+3T+1$		$7189 \equiv 1 \pmod 3$
			T^4+5T+5	$T^6+2T^5+5T^4+5T^3+T^2+4$		$2548 \equiv 1 \pmod 3$
			T^4+5T+6	$T^6+2T^5+5T^4+5T^3+2T^2+2T+2$		$1939 \equiv 1 \pmod 3$
			T^4+6T+1	$T^6+2T^5+5T^4+6T^3+6T^2+4T+5$		$3484 \equiv 1 \pmod 3$
			T^4+6T+2	$T^6+2T^5+5T^4+6T^3+6T+3$		$1033 \equiv 1 \pmod 3$
			T^4+6T+4	$T^6+2T^5+5T^4+6T^3+2T^2+3T+6$		$1648 \equiv 1 \pmod 3$
			T^4+T^3+1	$T^6+3T^5+5T^3+T^2+2T+5$		$1483 \equiv 1 \pmod 3$
			T^4+T^3+3	$T^6+3T^5+5T^3+3T^2+6T+1$		$10816 \equiv 1 \pmod 3$
			T^4+T^3+T+3	$T^6+3T^5+6T^3+5T^2+4T+1$		$8269 \equiv 1 \pmod 3$
			T^4+T^3+2T+6	$T^6+3T^5+3T^2+T+2$		$4588 \equiv 1 \pmod 3$
			T^4+T^3+3T+1	$T^6+3T^5+T^3+3T+5$		$6643 \equiv 1 \pmod 3$
			T^4+T^3+4T+2	$T^6+3T^5+2T^3+3T^2+3T+3$		$4783 \equiv 1 \pmod 3$
			T^4+T^3+5T+4	$T^6+3T^5+3T^3+5T+6$		$4732 \equiv 1 \pmod 3$
			T^4+T^3+5T+6	$T^6+3T^5+3T^3+2T^2+2T+2$		$2593 \equiv 1 \pmod 3$
		T^2+3T+1	T^4+T+1	$T^6+3T^5+T^4+T^3+4T^2+4T+1$		$10816 \equiv 1 \pmod 3$
			T^4+T+2	$T^6+3T^5+T^4+T^3+5T^2+2$		$2212 \equiv 1 \pmod 3$
			T^4+T+4	$T^6+3T^5+T^4+T^3+6T+4$		$2191 \equiv 1 \pmod 3$
			T^4+2T+3	$T^6+3T^5+T^4+2T^3+2T^2+4T+3$		$4069 \equiv 1 \pmod 3$
			T^4+2T+5	$T^6+3T^5+T^4+2T^3+4T^2+3T+5$		$1039 \equiv 1 \pmod 3$
			T^4+2T+6	$T^6+3T^5+T^4+2T^3+5T^2+6T+6$		$2716 \equiv 1 \pmod 3$
			T^4+5T+3	$T^6+3T^5+T^4+5T^3+4T^2+3$		$2593 \equiv 1 \pmod 3$
			T^4+5T+5	$T^6+3T^5+T^4+5T^3+6T^2+6T+5$		$5668 \equiv 1 \pmod 3$
			T^4+5T+6	$T^6+3T^5+T^4+5T^3+2T+6$		$3328 \equiv 1 \pmod 3$
			T^4+6T+1	$T^6+3T^5+T^4+6T^3+5T^2+2T+1$		$2593 \equiv 1 \pmod 3$
			T^4+6T+2	$T^6+3T^5+T^4+6T^3+6T^2+5T+2$		$5200 \equiv 1 \pmod 3$

Table 6. Divisor class numbers of Kummer extensions with $\ell = 3, t = 2$ (Cont'd)

q	δ	$P_1(T)$	$P_2(T)$	$Q(T)$	g	h_K
7	6	T^2+3T+1	T^4+6T+4	$T^6+3T^5+T^4+6T^3+T^2+4T+4$	4	$4783 \equiv 1 \pmod 3$
			T^4+T^3+1	$T^6+4T^5+4T^4+T^3+T^2+3T+1$		$10816 \equiv 1 \pmod 3$
			T^4+T^3+3	$T^6+4T^5+4T^4+T^3+3T^2+2T+3$		$2317 \equiv 1 \pmod 3$
			T^4+T^3+T+3	$T^6+4T^5+4T^4+2T^3+6T^2+3T+3$		$1477 \equiv 1 \pmod 3$
			T^4+T^3+2T+6	$T^6+4T^5+4T^4+3T^3+5T^2+6T+6$		$2473 \equiv 1 \pmod 3$
			T^4+T^3+3T+1	$T^6+4T^5+4T^4+4T^3+3T^2+6T+1$		$1744 \equiv 1 \pmod 3$
			T^4+T^3+4T+2	$T^6+4T^5+4T^4+5T^3+3T+2$		$2284 \equiv 1 \pmod 3$
			T^4+T^3+5T+4	$T^6+4T^5+4T^4+6T^3+5T^2+3T+4$		$4225 \equiv 1 \pmod 3$
			T^4+T^3+5T+6	$T^6+4T^5+4T^4+6T^3+2T+6$		$7189 \equiv 1 \pmod 3$
		T^2+3T+5	T^4+T+1	$T^6+3T^5+5T^4+T^3+4T^2+T+5$		$1939 \equiv 1 \pmod 3$
			T^4+T+2	$T^6+3T^5+5T^4+T^3+5T^2+4T+3$		$11011 \equiv 1 \pmod 3$
			T^4+T+4	$T^6+3T^5+5T^4+T^3+3T+6$		$3484 \equiv 1 \pmod 3$
			T^4+2T+3	$T^6+3T^5+5T^4+2T^3+2T^2+5T+1$		$2521 \equiv 1 \pmod 3$
			T^4+2T+5	$T^6+3T^5+5T^4+2T^3+4T^2+4T+4$		$1807 \equiv 1 \pmod 3$
			T^4+2T+6	$T^6+3T^5+5T^4+2T^3+5T^2+2$		$2797 \equiv 1 \pmod 3$
			T^4+5T+3	$T^6+3T^5+5T^4+5T^3+4T^2+6T+1$		$4963 \equiv 1 \pmod 3$
			T^4+5T+5	$T^6+3T^5+5T^4+5T^3+6T^2+5T+4$		$2593 \equiv 1 \pmod 3$
			T^4+5T+6	$T^6+3T^5+5T^4+5T^3+T+2$		$3913 \equiv 1 \pmod 3$
			T^4+6T+1	$T^6+3T^5+5T^4+6T^3+5T^2+5T+5$		$3049 \equiv 1 \pmod 3$
			T^4+6T+2	$T^6+3T^5+5T^4+6T^3+6T^2+T+3$		$1648 \equiv 1 \pmod 3$
			T^4+6T+4	$T^6+3T^5+5T^4+6T^3+T^2+6$		$4732 \equiv 1 \pmod 3$
			T^4+T^3+1	$T^6+4T^5+T^4+5T^3+T^2+3T+5$		$4963 \equiv 1 \pmod 3$
			T^4+T^3+3	$T^6+4T^5+T^4+5T^3+3T^2+2T+1$		$2521 \equiv 1 \pmod 3$
			T^4+T^3+T+3	$T^6+4T^5+T^4+6T^3+6T^2+1$		$6643 \equiv 1 \pmod 3$
			T^4+T^3+2T+6	$T^6+4T^5+T^4+5T^2+2$		$3049 \equiv 1 \pmod 3$
			T^4+T^3+3T+1	$T^6+4T^5+T^4+T^3+3T^2+4T+5$		$3049 \equiv 1 \pmod 3$
			T^4+T^3+4T+2	$T^6+4T^5+T^4+2T^3+5T+3$		$6643 \equiv 1 \pmod 3$
			T^4+T^3+5T+4	$T^6+4T^5+T^4+3T^3+5T^2+2T+6$		$3523 \equiv 1 \pmod 3$
			T^4+T^3+5T+6	$T^6+4T^5+T^4+3T^3+T+2$		$3328 \equiv 1 \pmod 3$
		T^2+3T+6	T^4+T+1	$T^6+3T^5+6T^4+T^3+4T^2+2T+6$		$1648 \equiv 1 \pmod 3$
			T^4+T+2	$T^6+3T^5+6T^4+T^3+5T^2+5T+5$		$3484 \equiv 1 \pmod 3$
			T^4+T+4	$T^6+3T^5+6T^4+T^3+4T+3$		$1033 \equiv 1 \pmod 3$
			T^4+2T+3	$T^6+3T^5+6T^4+2T^3+2T^2+4$		$2548 \equiv 1 \pmod 3$
			T^4+2T+5	$T^6+3T^5+6T^4+2T^3+4T^2+6T+2$		$1939 \equiv 1 \pmod 3$
			T^4+2T+6	$T^6+3T^5+6T^4+2T^3+5T^2+2T+1$		$7189 \equiv 1 \pmod 3$
			T^4+5T+3	$T^6+3T^5+6T^4+5T^3+4T^2+4T+4$		$4783 \equiv 1 \pmod 3$
			T^4+5T+5	$T^6+3T^5+6T^4+5T^3+6T^2+3T+2$		$2521 \equiv 1 \pmod 3$
			T^4+5T+6	$T^6+3T^5+6T^4+5T^3+6T+1$		$10816 \equiv 1 \pmod 3$
			T^4+6T+1	$T^6+3T^5+6T^4+6T^3+5T^2+4T+6$		$8269 \equiv 1 \pmod 3$
			T^4+6T+2	$T^6+3T^5+6T^4+6T^3+6T^2+5$		$1807 \equiv 1 \pmod 3$
			T^4+6T+4	$T^6+3T^5+6T^4+6T^3+T^2+6T+3$		$3724 \equiv 1 \pmod 3$
			T^4+T^3+1	$T^6+4T^5+2T^4+6T^3+T^2+3T+6$		$8269 \equiv 1 \pmod 3$
			T^4+T^3+3	$T^6+4T^5+2T^4+6T^3+3T^2+2T+4$		$2797 \equiv 1 \pmod 3$
			T^4+T^3+T+3	$T^6+4T^5+2T^4+6T^2+T+4$		$4303 \equiv 1 \pmod 3$
			T^4+T^3+2T+6	$T^6+4T^5+2T^4+T^3+5T^2+2T+1$		$2284 \equiv 1 \pmod 3$
			T^4+T^3+3T+1	$T^6+4T^5+2T^4+2T^3+3T^2+6$		$4783 \equiv 1 \pmod 3$
			T^4+T^3+4T+2	$T^6+4T^5+2T^4+3T^3+2T+5$		$3049 \equiv 1 \pmod 3$
			T^4+T^3+5T+4	$T^6+4T^5+2T^4+4T^3+5T^2+3$		$4783 \equiv 1 \pmod 3$
			T^4+T^3+5T+6	$T^6+4T^5+2T^4+4T^3+6T+1$		$1648 \equiv 1 \pmod 3$
		T^2+4T+1	T^4+T+1	$T^6+4T^5+T^4+T^3+5T^2+5T+1$		$2593 \equiv 1 \pmod 3$
			T^4+T+2	$T^6+4T^5+T^4+T^3+6T^2+2T+2$		$5200 \equiv 1 \pmod 3$
			T^4+T+4	$T^6+4T^5+T^4+T^3+T^2+3T+4$		$4783 \equiv 1 \pmod 3$
			T^4+2T+3	$T^6+4T^5+T^4+2T^3+4T^2+3$		$2593 \equiv 1 \pmod 3$
			T^4+2T+5	$T^6+4T^5+T^4+2T^3+6T^2+T+5$		$5668 \equiv 1 \pmod 3$
			T^4+2T+6	$T^6+4T^5+T^4+2T^3+5T+6$		$3328 \equiv 1 \pmod 3$
			T^4+5T+3	$T^6+4T^5+T^4+5T^3+2T^2+3T+3$		$4069 \equiv 1 \pmod 3$
			T^4+5T+5	$T^6+4T^5+T^4+5T^3+4T^2+4T+5$		$1039 \equiv 1 \pmod 3$
			T^4+5T+6	$T^6+4T^5+T^4+5T^3+5T^2+T+6$		$2716 \equiv 1 \pmod 3$
			T^4+6T+1	$T^6+4T^5+T^4+6T^3+4T^2+3T+1$		$10816 \equiv 1 \pmod 3$
			T^4+6T+2	$T^6+4T^5+T^4+6T^3+5T^2+2$		$2212 \equiv 1 \pmod 3$
			T^4+6T+4	$T^6+4T^5+T^4+6T^3+T+4$		$2191 \equiv 1 \pmod 3$
			T^4+T^3+1	$T^6+5T^5+5T^4+T^3+T^2+4T+1$		$2593 \equiv 1 \pmod 3$
			T^4+T^3+3	$T^6+5T^5+5T^4+T^3+3T^2+5T+3$		$5308 \equiv 1 \pmod 3$
			T^4+T^3+T+3	$T^6+5T^5+5T^4+2T^3+6T+3$		$4783 \equiv 1 \pmod 3$

Table 6. Divisor class numbers of Kummer extensions with $\ell = 3, t = 2$ (Cont'd)

q	δ	$P_1(T)$	$P_2(T)$	$Q(T)$	g	h_K
7	6	T^2+4T+1	T^4+T^3+2T+6	$T^6+5T^5+5T^4+3T^3+5T+6$	4	$6643 \equiv 1 \pmod 3$
			T^4+T^3+3T+1	$T^6+5T^5+5T^4+4T^3+6T^2+1$		$6643 \equiv 1 \pmod 3$
			T^4+T^3+4T+2	$T^6+5T^5+5T^4+5T^3+4T^2+5T+2$		$4783 \equiv 1 \pmod 3$
			T^4+T^3+5T+4	$T^6+5T^5+5T^4+6T^3+3T^2+4$		$2593 \equiv 1 \pmod 3$
			T^4+T^3+5T+6	$T^6+5T^5+5T^4+6T^3+5T^2+T+6$		$5308 \equiv 1 \pmod 3$
		T^2+4T+5	T^4+T+1	$T^6+4T^5+5T^4+T^3+5T^2+2T+5$		$3049 \equiv 1 \pmod 3$
			T^4+T+2	$T^6+4T^5+5T^4+T^3+6T^2+6T+3$		$1648 \equiv 1 \pmod 3$
			T^4+T+4	$T^6+4T^5+5T^4+T^3+T^2+6$		$4732 \equiv 1 \pmod 3$
			T^4+2T+3	$T^6+4T^5+5T^4+2T^3+4T^2+T+1$		$4963 \equiv 1 \pmod 3$
			T^4+2T+5	$T^6+4T^5+5T^4+2T^3+6T^2+2T+4$		$2593 \equiv 1 \pmod 3$
			T^4+2T+6	$T^6+4T^5+5T^4+2T^3+6T+2$		$3913 \equiv 1 \pmod 3$
			T^4+5T+3	$T^6+4T^5+5T^4+5T^3+2T^2+2T+1$		$2521 \equiv 1 \pmod 3$
			T^4+5T+5	$T^6+4T^5+5T^4+5T^3+4T^2+3T+4$		$1807 \equiv 1 \pmod 3$
			T^4+5T+6	$T^6+4T^5+5T^4+5T^3+5T^2+2$		$2797 \equiv 1 \pmod 3$
			T^4+6T+1	$T^6+4T^5+5T^4+6T^3+4T^2+6T+5$		$1939 \equiv 1 \pmod 3$
			T^4+6T+2	$T^6+4T^5+5T^4+6T^3+5T^2+3T+3$		$11011 \equiv 1 \pmod 3$
			T^4+6T+4	$T^6+4T^5+5T^4+6T^3+4T+6$		$3484 \equiv 1 \pmod 3$
			T^4+T^3+1	$T^6+5T^5+2T^4+5T^3+T^2+4T+5$		$1456 \equiv 1 \pmod 3$
			T^4+T^3+3	$T^6+5T^5+2T^4+5T^3+3T^2+5T+1$		$4963 \equiv 1 \pmod 3$
			T^4+T^3+T+3	$T^6+5T^5+2T^4+6T^3+3T+1$		$1483 \equiv 1 \pmod 3$
			T^4+T^3+2T+6	$T^6+5T^5+2T^4+6T+2$		$1456 \equiv 1 \pmod 3$
			T^4+T^3+3T+1	$T^6+5T^5+2T^4+T^3+6T^2+5T+5$		$1456 \equiv 1 \pmod 3$
			T^4+T^3+4T+2	$T^6+5T^5+2T^4+2T^3+4T^2+3$		$1483 \equiv 1 \pmod 3$
			T^4+T^3+5T+4	$T^6+5T^5+2T^4+3T^3+3T^2+6T+6$		$1456 \equiv 1 \pmod 3$
			T^4+T^3+5T+6	$T^6+5T^5+2T^4+3T^3+5T^2+2$		$4963 \equiv 1 \pmod 3$
		T^2+4T+6	T^4+T+1	$T^6+4T^5+6T^4+T^3+5T^2+3T+6$		$8269 \equiv 1 \pmod 3$
			T^4+T+2	$T^6+4T^5+6T^4+T^3+6T^2+5$		$1807 \equiv 1 \pmod 3$
			T^4+T+4	$T^6+4T^5+6T^4+T^3+T^2+T+3$		$3724 \equiv 1 \pmod 3$
			T^4+2T+3	$T^6+4T^5+6T^4+2T^3+4T^2+3T+4$		$4783 \equiv 1 \pmod 3$
			T^4+2T+5	$T^6+4T^5+6T^4+2T^3+6T^2+4T+2$		$2521 \equiv 1 \pmod 3$
			T^4+2T+6	$T^6+4T^5+6T^4+2T^3+T+1$		$10816 \equiv 1 \pmod 3$
			T^4+5T+3	$T^6+4T^5+6T^4+5T^3+2T^2+4$		$2548 \equiv 1 \pmod 3$
			T^4+5T+5	$T^6+4T^5+6T^4+5T^3+4T^2+T+2$		$1939 \equiv 1 \pmod 3$
			T^4+5T+6	$T^6+4T^5+6T^4+5T^3+5T^2+5T+1$		$7189 \equiv 1 \pmod 3$
			T^4+6T+1	$T^6+4T^5+6T^4+6T^3+4T^2+5T+6$		$1648 \equiv 1 \pmod 3$
			T^4+6T+2	$T^6+4T^5+6T^4+6T^3+5T^2+2T+5$		$3484 \equiv 1 \pmod 3$
			T^4+6T+4	$T^6+4T^5+6T^4+6T^3+3T+3$		$1033 \equiv 1 \pmod 3$
			T^4+T^3+1	$T^6+5T^5+3T^4+6T^3+T^2+4T+6$		$1648 \equiv 1 \pmod 3$
			T^4+T^3+3	$T^6+5T^5+3T^4+6T^3+3T^2+5T+4$		$3748 \equiv 1 \pmod 3$
			T^4+T^3+T+3	$T^6+5T^5+3T^4+4T+4$		$2119 \equiv 1 \pmod 3$
			T^4+T^3+2T+6	$T^6+5T^5+3T^4+T^3+T+1$		$8269 \equiv 1 \pmod 3$
			T^4+T^3+3T+1	$T^6+5T^5+3T^4+2T^3+6T^2+T+6$		$8269 \equiv 1 \pmod 3$
			T^4+T^3+4T+2	$T^6+5T^5+3T^4+3T^3+4T^2+4T+5$		$2119 \equiv 1 \pmod 3$
			T^4+T^3+5T+4	$T^6+5T^5+3T^4+4T^3+3T^2+4T+3$		$1648 \equiv 1 \pmod 3$
			T^4+T^3+5T+6	$T^6+5T^5+3T^4+4T^3+5T^2+5T+1$		$3748 \equiv 1 \pmod 3$
		T^2+5T+2	T^4+T+1	$T^6+5T^5+2T^4+T^3+6T^2+2$		$2212 \equiv 1 \pmod 3$
			T^4+T+2	$T^6+5T^5+2T^4+T^3+5T+4$		$2191 \equiv 1 \pmod 3$
			T^4+T+4	$T^6+5T^5+2T^4+T^3+2T^2+T+1$		$10816 \equiv 1 \pmod 3$
			T^4+2T+3	$T^6+5T^5+2T^4+2T^3+6T^2+5T+6$		$2716 \equiv 1 \pmod 3$
			T^4+2T+5	$T^6+5T^5+2T^4+2T^3+T^2+T+3$		$4069 \equiv 1 \pmod 3$
			T^4+2T+6	$T^6+5T^5+2T^4+2T^3+2T^2+6T+5$		$1039 \equiv 1 \pmod 3$
			T^4+5T+3	$T^6+5T^5+2T^4+5T^3+4T+6$		$3328 \equiv 1 \pmod 3$
			T^4+5T+5	$T^6+5T^5+2T^4+5T^3+2T^2+3$		$2593 \equiv 1 \pmod 3$
			T^4+5T+6	$T^6+5T^5+2T^4+5T^3+3T^2+5T+5$		$5668 \equiv 1 \pmod 3$
			T^4+6T+1	$T^6+5T^5+2T^4+6T^3+3T^2+3T+2$		$5200 \equiv 1 \pmod 3$
			T^4+6T+2	$T^6+5T^5+2T^4+6T^3+4T^2+T+4$		$4783 \equiv 1 \pmod 3$
			T^4+6T+4	$T^6+5T^5+2T^4+6T^3+6T^2+4T+1$		$2593 \equiv 1 \pmod 3$
			T^4+T^3+1	$T^6+6T^5+2T^3+T^2+5T+2$		$3523 \equiv 1 \pmod 3$
			T^4+T^3+3	$T^6+6T^5+2T^3+3T^2+T+6$		$3328 \equiv 1 \pmod 3$
			T^4+T^3+T+3	$T^6+6T^5+3T^3+T^2+3T+6$		$6643 \equiv 1 \pmod 3$
			T^4+T^3+2T+6	$T^6+6T^5+4T^3+2T^2+6T+5$		$3049 \equiv 1 \pmod 3$
			T^4+T^3+3T+1	$T^6+6T^5+5T^3+2T^2+4T+2$		$3049 \equiv 1 \pmod 3$
			T^4+T^3+4T+2	$T^6+6T^5+6T^3+T^2+4T+4$		$6643 \equiv 1 \pmod 3$
			T^4+T^3+5T+4	$T^6+6T^5+T^2+2T+1$		$4963 \equiv 1 \pmod 3$

Table 6. Divisor class numbers of Kummer extensions with $\ell = 3, t = 2$ (Cont'd)

q	δ	$P_1(T)$	$P_2(T)$	$Q(T)$	g	h_K
7	6	T^2+5T+2	T^4+T^3+5T+6	$T^6+6T^5+3T^2+5T+5$	4	$2521 \equiv 1 \pmod 3$
		T^2+5T+3	T^4+T+1	$T^6+5T^5+3T^4+T^3+6T^2+T+3$		$11011 \equiv 1 \pmod 3$
			T^4+T+2	$T^6+5T^5+3T^4+T^3+6T+6$		$3484 \equiv 1 \pmod 3$
			T^4+T+4	$T^6+5T^5+3T^4+T^3+2T^2+2T+5$		$1939 \equiv 1 \pmod 3$
			T^4+2T+3	$T^6+5T^5+3T^4+2T^3+6T^2+2$		$2797 \equiv 1 \pmod 3$
			T^4+2T+5	$T^6+5T^5+3T^4+2T^3+T^2+3T+1$		$2521 \equiv 1 \pmod 3$
			T^4+2T+6	$T^6+5T^5+3T^4+2T^3+2T^2+T+4$		$1807 \equiv 1 \pmod 3$
			T^4+5T+3	$T^6+5T^5+3T^4+5T^3+2T+2$		$3913 \equiv 1 \pmod 3$
			T^4+5T+5	$T^6+5T^5+3T^4+5T^3+2T^2+5T+1$		$4963 \equiv 1 \pmod 3$
			T^4+5T+6	$T^6+5T^5+3T^4+5T^3+3T^2+3T+4$		$2593 \equiv 1 \pmod 3$
			T^4+6T+1	$T^6+5T^5+3T^4+6T^3+3T^2+2T+3$		$1648 \equiv 1 \pmod 3$
			T^4+6T+2	$T^6+5T^5+3T^4+6T^3+4T^2+6$		$4732 \equiv 1 \pmod 3$
			T^4+6T+4	$T^6+5T^5+3T^4+6T^3+6T^2+3T+5$		$3049 \equiv 1 \pmod 3$
			T^4+T^3+1	$T^6+6T^5+T^4+3T^3+T^2+5T+3$		$4783 \equiv 1 \pmod 3$
			T^4+T^3+3	$T^6+6T^5+T^4+3T^3+3T^2+T+2$		$1648 \equiv 1 \pmod 3$
			T^4+T^3+T+3	$T^6+6T^5+T^4+4T^3+T^2+4T+2$		$3049 \equiv 1 \pmod 3$
			T^4+T^3+2T+6	$T^6+6T^5+T^4+5T^3+2T^2+T+4$		$4783 \equiv 1 \pmod 3$
			T^4+T^3+3T+1	$T^6+6T^5+T^4+6T^3+2T^2+3$		$2284 \equiv 1 \pmod 3$
			T^4+T^3+4T+2	$T^6+6T^5+T^4+T^2+T+6$		$4303 \equiv 1 \pmod 3$
			T^4+T^3+5T+4	$T^6+6T^5+T^4+T^3+T^2+5$		$8269 \equiv 1 \pmod 3$
			T^4+T^3+5T+6	$T^6+6T^5+T^4+T^3+3T^2+3T+4$		$2797 \equiv 1 \pmod 3$
		T^2+5T+5	T^4+T+1	$T^6+5T^5+5T^4+T^3+6T^2+3T+5$		$3484 \equiv 1 \pmod 3$
			T^4+T+2	$T^6+5T^5+5T^4+T^3+T+3$		$1033 \equiv 1 \pmod 3$
			T^4+T+4	$T^6+5T^5+5T^4+T^3+2T^2+4T+6$		$1648 \equiv 1 \pmod 3$
			T^4+2T+3	$T^6+5T^5+5T^4+2T^3+6T^2+4T+1$		$7189 \equiv 1 \pmod 3$
			T^4+2T+5	$T^6+5T^5+5T^4+2T^3+T^2+4$		$2548 \equiv 1 \pmod 3$
			T^4+2T+6	$T^6+5T^5+5T^4+2T^3+2T^2+5T+2$		$1939 \equiv 1 \pmod 3$
			T^4+5T+3	$T^6+5T^5+5T^4+5T^3+5T+1$		$10816 \equiv 1 \pmod 3$
			T^4+5T+5	$T^6+5T^5+5T^4+5T^3+2T^2+T+4$		$4783 \equiv 1 \pmod 3$
			T^4+5T+6	$T^6+5T^5+5T^4+5T^3+3T^2+6T+2$		$2521 \equiv 1 \pmod 3$
			T^4+6T+1	$T^6+5T^5+5T^4+6T^3+3T^2+5$		$1807 \equiv 1 \pmod 3$
			T^4+6T+2	$T^6+5T^5+5T^4+6T^3+4T^2+5T+3$		$3724 \equiv 1 \pmod 3$
			T^4+6T+4	$T^6+5T^5+5T^4+6T^3+6T^2+T+6$		$8269 \equiv 1 \pmod 3$
			T^4+T^3+1	$T^6+6T^5+3T^4+5T^3+T^2+5T+5$		$4225 \equiv 1 \pmod 3$
			T^4+T^3+3	$T^6+6T^5+3T^4+5T^3+3T^2+T+1$		$7189 \equiv 1 \pmod 3$
			T^4+T^3+T+3	$T^6+6T^5+3T^4+6T^3+T^2+6T+1$		$2284 \equiv 1 \pmod 3$
			T^4+T^3+2T+6	$T^6+6T^5+3T^4+2T^2+5T+2$		$1744 \equiv 1 \pmod 3$
			T^4+T^3+3T+1	$T^6+6T^5+3T^4+T^3+2T^2+6T+5$		$2473 \equiv 1 \pmod 3$
			T^4+T^3+4T+2	$T^6+6T^5+3T^4+2T^3+T^2+2T+3$		$1477 \equiv 1 \pmod 3$
			T^4+T^3+5T+4	$T^6+6T^5+3T^4+3T^3+T^2+3T+6$		$10816 \equiv 1 \pmod 3$
			T^4+T^3+5T+6	$T^6+6T^5+3T^4+3T^3+3T^2+6T+2$		$2317 \equiv 1 \pmod 3$
		T^2+6T+3	T^4+T+1	$T^6+6T^5+3T^4+T^3+2T+3$		$1033 \equiv 1 \pmod 3$
			T^4+T+2	$T^6+6T^5+3T^4+T^3+T^2+T+6$		$1648 \equiv 1 \pmod 3$
			T^4+T+4	$T^6+6T^5+3T^4+T^3+3T^2+6T+5$		$3484 \equiv 1 \pmod 3$
			T^4+2T+3	$T^6+6T^5+3T^4+2T^3+T^2+3T+2$		$1939 \equiv 1 \pmod 3$
			T^4+2T+5	$T^6+6T^5+3T^4+2T^3+3T^2+T+1$		$7189 \equiv 1 \pmod 3$
			T^4+2T+6	$T^6+6T^5+3T^4+2T^3+4T^2+4$		$2548 \equiv 1 \pmod 3$
			T^4+5T+3	$T^6+6T^5+3T^4+5T^3+5T^2+5T+2$		$2521 \equiv 1 \pmod 3$
			T^4+5T+5	$T^6+6T^5+3T^4+5T^3+3T+1$		$10816 \equiv 1 \pmod 3$
			T^4+5T+6	$T^6+6T^5+3T^4+5T^3+T^2+2T+4$		$4783 \equiv 1 \pmod 3$
			T^4+6T+1	$T^6+6T^5+3T^4+6T^3+2T^2+3T+3$		$3724 \equiv 1 \pmod 3$
			T^4+6T+2	$T^6+6T^5+3T^4+6T^3+3T^2+2T+6$		$8269 \equiv 1 \pmod 3$
			T^4+6T+4	$T^6+6T^5+3T^4+6T^3+5T^2+5$		$1807 \equiv 1 \pmod 3$
			T^4+T^3+1	$T^6+2T^4+3T^3+T^2+6T+3$		$4963 \equiv 1 \pmod 3$
			T^4+T^3+3	$T^6+2T^4+3T^3+3T^2+4T+2$		$6292 \equiv 1 \pmod 3$
			T^4+T^3+T+3	$T^6+2T^4+4T^3+2T^2+2$		$1117 \equiv 1 \pmod 3$
			T^4+T^3+2T+6	$T^6+2T^4+5T^3+4T^2+4$		$3049 \equiv 1 \pmod 3$
			T^4+T^3+3T+1	$T^6+2T^4+6T^3+5T^2+T+3$		$2119 \equiv 1 \pmod 3$
			T^4+T^3+4T+2	$T^6+2T^4+5T^2+3T+6$		$2473 \equiv 1 \pmod 3$
			T^4+T^3+5T+4	$T^6+2T^4+T^3+6T^2+4T+5$		$3049 \equiv 1 \pmod 3$
			T^4+T^3+5T+6	$T^6+2T^4+T^3+T^2+2T+4$		$2716 \equiv 1 \pmod 3$
		T^2+6T+4	T^4+T+1	$T^6+6T^5+4T^4+T^3+3T+4$		$2191 \equiv 1 \pmod 3$
			T^4+T+2	$T^6+6T^5+4T^4+T^3+T^2+2T+1$		$10816 \equiv 1 \pmod 3$
			T^4+T+4	$T^6+6T^5+4T^4+T^3+3T^2+2$		$2212 \equiv 1 \pmod 3$

Table 6. Divisor class numbers of Kummer extensions with $\ell = 3, t = 2$ (Cont'd)

q	δ	$P_1(T)$	$P_2(T)$	$Q(T)$	g	h_K
7	6	T^2+6T+4	T^4+2T+3	$T^6+6T^5+4T^4+2T^3+T^2+5T+5$	4	$1039 \equiv 1 \pmod 3$
			T^4+2T+5	$T^6+6T^5+4T^4+2T^3+3T^2+3T+6$		$2716 \equiv 1 \pmod 3$
			T^4+2T+6	$T^6+6T^5+4T^4+2T^3+4T^2+2T+3$		$4069 \equiv 1 \pmod 3$
			T^4+5T+3	$T^6+6T^5+4T^4+5T^3+5T^2+3T+5$		$5668 \equiv 1 \pmod 3$
			T^4+5T+5	$T^6+6T^5+4T^4+5T^3+T+6$		$3328 \equiv 1 \pmod 3$
			T^4+5T+6	$T^6+6T^5+4T^4+5T^3+T^2+3$		$2593 \equiv 1 \pmod 3$
			T^4+6T+1	$T^6+6T^5+4T^4+6T^3+2T^2+2T+4$		$4783 \equiv 1 \pmod 3$
			T^4+6T+2	$T^6+6T^5+4T^4+6T^3+3T^2+T+1$		$2593 \equiv 1 \pmod 3$
			T^4+6T+4	$T^6+6T^5+4T^4+6T^3+5T^2+6T+2$		$5200 \equiv 1 \pmod 3$
			T^4+T^3+1	$T^6+3T^4+4T^3+T^2+6T+4$		$2353 \equiv 1 \pmod 3$
			T^4+T^3+3	$T^6+3T^4+4T^3+3T^2+4T+5$		$2797 \equiv 1 \pmod 3$
			T^4+T^3+T+3	$T^6+3T^4+5T^3+2T^2+T+5$		$4303 \equiv 1 \pmod 3$
			T^4+T^3+2T+6	$T^6+3T^4+6T^3+4T^2+2T+3$		$1648 \equiv 1 \pmod 3$
			T^4+T^3+3T+1	$T^6+3T^4+5T^2+4T+4$		$2275 \equiv 1 \pmod 3$
			T^4+T^3+4T+2	$T^6+3T^4+T^3+5T^2+1$		$3952 \equiv 1 \pmod 3$
			T^4+T^3+5T+4	$T^6+3T^4+2T^3+6T^2+2T+2$		$2797 \equiv 1 \pmod 3$
			T^4+T^3+5T+6	$T^6+3T^4+2T^3+T^2+3$		$2797 \equiv 1 \pmod 3$
		T^2+6T+6	T^4+T+1	$T^6+6T^5+6T^4+T^3+5T+6$		$3484 \equiv 1 \pmod 3$
			T^4+T+2	$T^6+6T^5+6T^4+T^3+T^2+4T+5$		$1939 \equiv 1 \pmod 3$
			T^4+T+4	$T^6+6T^5+6T^4+T^3+3T^2+2T+3$		$11011 \equiv 1 \pmod 3$
			T^4+2T+3	$T^6+6T^5+6T^4+2T^3+T^2+2T+4$		$1807 \equiv 1 \pmod 3$
			T^4+2T+5	$T^6+6T^5+6T^4+2T^3+3T^2+2$		$2797 \equiv 1 \pmod 3$
			T^4+2T+6	$T^6+6T^5+6T^4+2T^3+4T^2+6T+1$		$2521 \equiv 1 \pmod 3$
			T^4+5T+3	$T^6+6T^5+6T^4+5T^3+5T^2+6T+4$		$2593 \equiv 1 \pmod 3$
			T^4+5T+5	$T^6+6T^5+6T^4+5T^3+4T+2$		$3913 \equiv 1 \pmod 3$
			T^4+5T+6	$T^6+6T^5+6T^4+5T^3+T^2+3T+1$		$4963 \equiv 1 \pmod 3$
			T^4+6T+1	$T^6+6T^5+6T^4+6T^3+2T^2+6$		$4732 \equiv 1 \pmod 3$
			T^4+6T+2	$T^6+6T^5+6T^4+6T^3+3T^2+6T+5$		$3049 \equiv 1 \pmod 3$
			T^4+6T+4	$T^6+6T^5+6T^4+6T^3+5T^2+4T+3$		$1648 \equiv 1 \pmod 3$
			T^4+T^3+1	$T^6+5T^4+6T^3+T^2+6T+6$		$4732 \equiv 1 \pmod 3$
			T^4+T^3+3	$T^6+5T^4+6T^3+3T^2+4T+4$		$2593 \equiv 1 \pmod 3$
			T^4+T^3+T+3	$T^6+5T^4+2T^2+3T+4$		$4783 \equiv 1 \pmod 3$
			T^4+T^3+2T+6	$T^6+5T^4+T^3+4T^2+6T+1$		$6643 \equiv 1 \pmod 3$
			T^4+T^3+3T+1	$T^6+5T^4+2T^3+5T^2+3T+6$		$4588 \equiv 1 \pmod 3$
			T^4+T^3+4T+2	$T^6+5T^4+3T^3+5T^2+T+5$		$8269 \equiv 1 \pmod 3$
			T^4+T^3+5T+4	$T^6+5T^4+4T^3+6T^2+5T+3$		$1483 \equiv 1 \pmod 3$
			T^4+T^3+5T+6	$T^6+5T^4+4T^3+T^2+3T+1$		$10816 \equiv 1 \pmod 3$

TABLE 7. Divisor class numbers of Kummer extensions with $\ell = 5, t = 2$

q	δ	$P_1(T)$	$P_2(T)$	$Q(T)$	g	h_K
11	5	$2T^3+2T^2+4T+9$	$5T^2+1$	$10T^5+7T^3+5T^2+T+1$	6	$2252682 \equiv 1 \pmod 5$
			$5T^2+3$	$10T^5+5T^2+3T+3$		$3634081 \equiv 1 \pmod 5$
			$5T^2+4$	$10T^5+2T^3+5T^2+4T+4$		$1593281 \equiv 1 \pmod 5$
			$5T^2+5$	$10T^5+4T^3+5T^2+5T+5$		$820451 \equiv 1 \pmod 5$
			$5T^2+9$	$10T^5+T^3+5T^2+9T+9$		$9750851 \equiv 1 \pmod 5$
			$5T^2+T+3$	$10T^5+2T^4+6T^2+4T+3$		$3275801 \equiv 1 \pmod 5$
			$5T^2+T+6$	$10T^5+2T^4+6T^3+6T^2+7T+6$		$2355421 \equiv 1 \pmod 5$
			$5T^2+T+8$	$10T^5+2T^4+10T^3+6T^2+9T+8$		$1463341 \equiv 1 \pmod 5$
			$5T^2+T+9$	$10T^5+2T^4+T^3+6T^2+10T+9$		$1360741 \equiv 1 \pmod 5$
			$5T^2+T+10$	$10T^5+2T^4+3T^3+6T^2+10$		$1318111 \equiv 1 \pmod 5$
			$5T^2+2T+1$	$10T^5+4T^4+7T^3+7T^2+3T+1$		$5399041 \equiv 1 \pmod 5$
			$5T^2+2T+2$	$10T^5+4T^4+9T^3+7T^2+4T+2$		$2634391 \equiv 1 \pmod 5$
			$5T^2+2T+3$	$10T^5+4T^4+7T^2+5T+3$		$1138471 \equiv 1 \pmod 5$
			$5T^2+2T+7$	$10T^5+4T^4+8T^3+7T^2+9T+7$		$1889801 \equiv 1 \pmod 5$
			$5T^2+2T+10$	$10T^5+4T^4+3T^3+7T^2+T+10$		$2684881 \equiv 1 \pmod 5$
		$2T^3+2T^2+5T+3$	$5T^2+1$	$10T^5+7T^3+3T^2+T+5$		$2216401 \equiv 1 \pmod 5$
			$5T^2+3$	$10T^5+3T^2+3T+4$		$4060691 \equiv 1 \pmod 5$
			$5T^2+4$	$10T^5+2T^3+3T^2+4T+9$		$1578541 \equiv 1 \pmod 5$
			$5T^2+5$	$10T^5+4T^3+3T^2+5T+3$		$776941 \equiv 1 \pmod 5$
			$5T^2+9$	$10T^5+T^3+3T^2+9T+1$		$1583671 \equiv 1 \pmod 5$
			$5T^2+T+3$	$10T^5+2T^4+4T^2+8T+4$		$1360741 \equiv 1 \pmod 5$
			$5T^2+T+6$	$10T^5+2T^4+6T^3+4T^2+8$		$2240701 \equiv 1 \pmod 5$
			$5T^2+T+8$	$10T^5+2T^4+10T^3+4T^2+2T+7$		$1284811 \equiv 1 \pmod 5$
			$5T^2+T+9$	$10T^5+2T^4+T^3+4T^2+3T+1$		$5399041 \equiv 1 \pmod 5$
			$5T^2+T+10$	$10T^5+2T^4+3T^3+4T^2+4T+6$		$9604496 \equiv 1 \pmod 5$
			$5T^2+2T+1$	$10T^5+4T^4+7T^3+5T^2+5$		$4194661 \equiv 1 \pmod 5$
			$5T^2+2T+2$	$10T^5+4T^4+9T^3+5T^2+T+10$		$6358591 \equiv 1 \pmod 5$
			$5T^2+2T+3$	$10T^5+4T^4+5T^2+2T+4$		$2355421 \equiv 1 \pmod 5$
			$5T^2+2T+7$	$10T^5+4T^4+8T^3+5T^2+6T+2$		$2344421 \equiv 1 \pmod 5$
			$5T^2+2T+10$	$10T^5+4T^4+3T^3+5T^2+9T+6$		$1929001 \equiv 1 \pmod 5$
		$2T^3+2T^2+5T+4$	$5T^2+1$	$10T^5+7T^3+8T^2+T+6$		$2216401 \equiv 1 \pmod 5$
			$5T^2+3$	$10T^5+8T^2+3T+7$		$4060691 \equiv 1 \pmod 5$
			$5T^2+4$	$10T^5+2T^3+8T^2+4T+2$		$1578541 \equiv 1 \pmod 5$
			$5T^2+5$	$10T^5+4T^3+8T^2+5T+8$		$776941 \equiv 1 \pmod 5$
			$5T^2+9$	$10T^5+T^3+8T^2+9T+10$		$1583671 \equiv 1 \pmod 5$
			$5T^2+T+3$	$10T^5+2T^4+9T^2+9T+7$		$6693961 \equiv 1 \pmod 5$
			$5T^2+T+6$	$10T^5+2T^4+6T^3+9T^2+T+3$		$3275801 \equiv 1 \pmod 5$
			$5T^2+T+8$	$10T^5+2T^4+10T^3+9T^2+3T+4$		$1025776 \equiv 1 \pmod 5$
			$5T^2+T+9$	$10T^5+2T^4+T^3+9T^2+4T+10$		$3634081 \equiv 1 \pmod 5$
			$5T^2+T+10$	$10T^5+2T^4+3T^3+9T^2+5T+5$		$5043631 \equiv 1 \pmod 5$
			$5T^2+2T+1$	$10T^5+4T^4+7T^3+10T^2+2T+6$		$2036261 \equiv 1 \pmod 5$
			$5T^2+2T+2$	$10T^5+4T^4+9T^3+10T^2+3T+1$		$4024621 \equiv 1 \pmod 5$
			$5T^2+2T+3$	$10T^5+4T^4+10T^2+4T+7$		$4148191 \equiv 1 \pmod 5$
			$5T^2+2T+7$	$10T^5+4T^4+8T^3+10T^2+8T+9$		$2922896 \equiv 1 \pmod 5$
			$5T^2+2T+10$	$10T^5+4T^4+3T^3+10T^2+5$		$1921441 \equiv 1 \pmod 5$
		$2T^3+2T^2+5T+8$	$5T^2+1$	$10T^5+7T^3+6T^2+T+10$		$2252681 \equiv 1 \pmod 5$
			$5T^2+3$	$10T^5+6T^2+3T+8$		$3634081 \equiv 1 \pmod 5$
			$5T^2+4$	$10T^5+2T^3+6T^2+4T+7$		$1593281 \equiv 1 \pmod 5$
			$5T^2+5$	$10T^5+4T^3+6T^2+5T+6$		$820451 \equiv 1 \pmod 5$
			$5T^2+9$	$10T^5+T^3+6T^2+9T+2$		$9750851 \equiv 1 \pmod 5$
			$5T^2+T+3$	$10T^5+2T^4+7T^2+2T+8$		$2579341 \equiv 1 \pmod 5$
			$5T^2+T+6$	$10T^5+2T^4+6T^3+7T^2+5T+5$		$2684881 \equiv 1 \pmod 5$
			$5T^2+T+8$	$10T^5+2T^4+10T^3+7T^2+7T+3$		$4024621 \equiv 1 \pmod 5$
			$5T^2+T+9$	$10T^5+2T^4+T^3+7T^2+8T+2$		$2131751 \equiv 1 \pmod 5$
			$5T^2+T+10$	$10T^5+2T^4+3T^3+7T^2+9T+1$		$4060691 \equiv 1 \pmod 5$
			$5T^2+2T+1$	$10T^5+4T^4+7T^3+8T^2+10T+10$		$4024621 \equiv 1 \pmod 5$
			$5T^2+2T+2$	$10T^5+4T^4+9T^3+8T^2+9$		$2344421 \equiv 1 \pmod 5$
			$5T^2+2T+3$	$10T^5+4T^4+8T^2+T+8$		$1318111 \equiv 1 \pmod 5$
			$5T^2+2T+7$	$10T^5+4T^4+8T^3+8T^2+5T+4$		$1997881 \equiv 1 \pmod 5$
			$5T^2+2T+10$	$10T^5+4T^4+3T^3+8T^2+8T+1$		$9604496 \equiv 1 \pmod 5$
		$2T^3+2T^2+5T+9$	$5T^2+1$	$10T^5+T^3+5T^2+2T+1$		$6024656 \equiv 1 \pmod 5$
			$5T^2+3$	$10T^5+5T^3+5T^2+6T+3$		$2634391 \equiv 1 \pmod 5$
			$5T^2+4$	$10T^5+7T^3+5T^2+8T+4$		$2216401 \equiv 1 \pmod 5$

Table 7. Divisor class numbers of Kummer extensions with $\ell = 5, t = 2$ (Cont'd)

q	δ	$P_1(T)$	$P_2(T)$	$Q(T)$	g	h_K
11	5	$2T^3+2T^2+5T+9$	$5T^2+5$	$10T^5+9T^3+5T^2+10T+5$	6	$1406416 \equiv 1 \pmod 5$
			$5T^2+9$	$10T^5+6T^3+5T^2+7T+9$		$2355421 \equiv 1 \pmod 5$
			$5T^2+T+3$	$10T^5+2T^4+5T^3+7T^2+7T+3$		$4487536 \equiv 1 \pmod 5$
			$5T^2+T+6$	$10T^5+2T^4+7T^2+2T+6$		$2386736 \equiv 1 \pmod 5$
			$5T^2+T+8$	$10T^5+2T^4+4T^3+7T^2+6T+8$		$2131751 \equiv 1 \pmod 5$
			$5T^2+T+9$	$10T^5+2T^4+6T^3+7T^2+8T+9$		$2216401 \equiv 1 \pmod 5$
			$5T^2+T+10$	$10T^5+2T^4+8T^3+7T^2+10T+10$		$6358591 \equiv 1 \pmod 5$
			$5T^2+2T+1$	$10T^5+4T^4+T^3+9T^2+4T+1$		$6693961 \equiv 1 \pmod 5$
			$5T^2+2T+2$	$10T^5+4T^4+3T^3+9T^2+6T+2$		$9276601 \equiv 1 \pmod 5$
			$5T^2+2T+3$	$10T^5+4T^4+5T^3+9T^2+8T+3$		$997981 \equiv 1 \pmod 5$
			$5T^2+2T+7$	$10T^5+4T^4+2T^3+9T^2+5T+7$		$977801 \equiv 1 \pmod 5$
			$5T^2+2T+10$	$10T^5+4T^4+8T^3+9T^2+10$		$4194661 \equiv 1 \pmod 5$
		$2T^3+2T^2+6T+2$	$5T^2+1$	$10T^5+T^3+4T^2+2T+3$		$1080451 \equiv 1 \pmod 5$
			$5T^2+3$	$10T^5+5T^3+4T^2+6T+9$		$4060691 \equiv 1 \pmod 5$
			$5T^2+4$	$10T^5+7T^3+4T^2+8T+1$		$6358591 \equiv 1 \pmod 5$
			$5T^2+5$	$10T^5+9T^3+4T^2+10T+4$		$4148191 \equiv 1 \pmod 5$
			$5T^2+9$	$10T^5+6T^3+4T^2+7T+5$		$2634391 \equiv 1 \pmod 5$
			$5T^2+T+3$	$10T^5+2T^4+5T^3+6T^2+9T+9$		$2155171 \equiv 1 \pmod 5$
			$5T^2+T+6$	$10T^5+2T^4+6T^2+4T+7$		$2240701 \equiv 1 \pmod 5$
			$5T^2+T+8$	$10T^5+2T^4+4T^3+6T^2+8T+2$		$4060691 \equiv 1 \pmod 5$
			$5T^2+T+9$	$10T^5+2T^4+6T^3+6T^2+10T+5$		$1672016 \equiv 1 \pmod 5$
			$5T^2+T+10$	$10T^5+2T^4+8T^3+6T^2+T+8$		$1466021 \equiv 1 \pmod 5$
			$5T^2+2T+1$	$10T^5+4T^4+T^3+8T^2+8T+3$		$1138471 \equiv 1 \pmod 5$
			$5T^2+2T+2$	$10T^5+4T^4+3T^3+8T^2+10T+6$		$960361 \equiv 1 \pmod 5$
			$5T^2+2T+3$	$10T^5+4T^4+5T^3+8T^2+T+9$		$2875136 \equiv 1 \pmod 5$
			$5T^2+2T+7$	$10T^5+4T^4+2T^3+8T^2+9T+10$		$5603471 \equiv 1 \pmod 5$
			$5T^2+2T+10$	$10T^5+4T^4+8T^3+8T^2+4T+8$		$1889801 \equiv 1 \pmod 5$
		$2T^3+2T^2+6T+4$	$5T^2+1$	$10T^5+T^3+7T^2+2T+8$		$1080451 \equiv 1 \pmod 5$
			$5T^2+3$	$10T^5+5T^3+7T^2+6T+2$		$4060691 \equiv 1 \pmod 5$
			$5T^2+4$	$10T^5+7T^3+7T^2+8T+10$		$6358591 \equiv 1 \pmod 5$
			$5T^2+5$	$10T^5+9T^3+7T^2+10T+7$		$4148191 \equiv 1 \pmod 5$
			$5T^2+9$	$10T^5+6T^3+7T^2+7T+6$		$2634391 \equiv 1 \pmod 5$
			$5T^2+T+3$	$10T^5+2T^4+5T^3+9T^2+3T+2$		$2634391 \equiv 1 \pmod 5$
			$5T^2+T+6$	$10T^5+2T^4+9T^2+9T+4$		$1889801 \equiv 1 \pmod 5$
			$5T^2+T+8$	$10T^5+2T^4+4T^3+9T^2+2T+9$		$787856 \equiv 1 \pmod 5$
			$5T^2+T+9$	$10T^5+2T^4+6T^3+9T^2+4T+6$		$3634081 \equiv 1 \pmod 5$
			$5T^2+T+10$	$10T^5+2T^4+8T^3+9T^2+6T+3$		$2488931 \equiv 1 \pmod 5$
			$5T^2+2T+1$	$10T^5+4T^4+T^3+7T+8$		$2386736 \equiv 1 \pmod 5$
			$5T^2+2T+2$	$10T^5+4T^4+3T^3+9T+5$		$1578541 \equiv 1 \pmod 5$
			$5T^2+2T+3$	$10T^5+4T^4+5T^3+2$		$1466021 \equiv 1 \pmod 5$
			$5T^2+2T+7$	$10T^5+4T^4+2T^3+8T+1$		$6693961 \equiv 1 \pmod 5$
			$5T^2+2T+10$	$10T^5+4T^4+8T^3+3T+3$		$1997881 \equiv 1 \pmod 5$
		$2T^3+2T^2+6T+5$	$5T^2+1$	$10T^5+T^3+6T^2+2T+10$		$6024656 \equiv 1 \pmod 5$
			$5T^2+3$	$10T^5+5T^3+6T^2+6T+8$		$2634391 \equiv 1 \pmod 5$
			$5T^2+4$	$10T^5+7T^3+6T^2+8T+7$		$2216401 \equiv 1 \pmod 5$
			$5T^2+5$	$10T^5+9T^3+6T^2+10T+6$		$1406416 \equiv 1 \pmod 5$
			$5T^2+9$	$10T^5+6T^3+6T^2+7T+2$		$2355421 \equiv 1 \pmod 5$
			$5T^2+T+3$	$10T^5+2T^4+5T^3+8T^2+5T+8$		$2488931 \equiv 1 \pmod 5$
			$5T^2+T+6$	$10T^5+2T^4+8T^2+5$		$931691 \equiv 1 \pmod 5$
			$5T^2+T+8$	$10T^5+2T^4+4T^3+8T^2+4T+3$		$2922896 \equiv 1 \pmod 5$
			$5T^2+T+9$	$10T^5+2T^4+6T^3+8T^2+6T+2$		$2216401 \equiv 1 \pmod 5$
			$5T^2+T+10$	$10T^5+2T^4+8T^3+8T^2+8T+1$		$4024621 \equiv 1 \pmod 5$
			$5T^2+2T+1$	$10T^5+4T^4+T^3+10T^2+10$		$2344421 \equiv 1 \pmod 5$
			$5T^2+2T+2$	$10T^5+4T^4+3T^3+10T^2+2T+9$		$1997881 \equiv 1 \pmod 5$
			$5T^2+2T+3$	$10T^5+4T^4+5T^3+10T^2+4T+8$		$2331421 \equiv 1 \pmod 5$
			$5T^2+2T+7$	$10T^5+4T^4+2T^3+10T^2+T+4$		$9604496 \equiv 1 \pmod 5$
			$5T^2+2T+10$	$10T^5+4T^4+8T^3+10T^2+7T+1$		$6024656 \equiv 1 \pmod 5$
		$2T^3+2T^2+6T+7$	$5T^2+1$	$10T^5+6T^3+10T^2+3T+2$		$1578541 \equiv 1 \pmod 5$
			$5T^2+3$	$10T^5+10T^3+10T^2+9T+6$		$2216401 \equiv 1 \pmod 5$
			$5T^2+4$	$10T^5+T^3+10T^2+T+8$		$776941 \equiv 1 \pmod 5$
			$5T^2+5$	$10T^5+3T^3+10T^2+4T+10$		$1583671 \equiv 1 \pmod 5$
			$5T^2+9$	$10T^5+10T^2+5T+7$		$4060691 \equiv 1 \pmod 5$
			$5T^2+T+3$	$10T^5+2T^4+10T^3+2T^2+6$		$4194661 \equiv 1 \pmod 5$
			$5T^2+T+6$	$10T^5+2T^4+5T^3+2T^2+9T+1$		$6358591 \equiv 1 \pmod 5$

Table 7. Divisor class numbers of Kummer extensions with $\ell = 5, t = 2$ (Cont'd)

q	δ	$P_1(T)$	$P_2(T)$	$Q(T)$	g	h_K
11	5	$2T^3+2T^2+6T+7$	$5T^2+T+8$	$10T^5+2T^4+9T^3+2T^2+4T+5$	6	$1929001 \equiv 1 \pmod 5$
			$5T^2+T+9$	$10T^5+2T^4+2T^2+7T+7$		$2355421 \equiv 1 \pmod 5$
			$5T^2+T+10$	$10T^5+2T^4+2T^3+2T^2+10T+9$		$2344421 \equiv 1 \pmod 5$
			$5T^2+2T+1$	$10T^5+4T^4+6T^3+5T^2+7T+2$		$9750851 \equiv 1 \pmod 5$
			$5T^2+2T+2$	$10T^5+4T^4+8T^3+5T^2+10T+4$		$867691 \equiv 1 \pmod 5$
			$5T^2+2T+3$	$10T^5+4T^4+10T^3+5T^2+2T+6$		$6693961 \equiv 1 \pmod 5$
			$5T^2+2T+7$	$10T^5+4T^4+7T^3+5T^2+3T+3$		$6024656 \equiv 1 \pmod 5$
			$5T^2+2T+10$	$10T^5+4T^4+2T^3+5T^2+T+9$		$1406416 \equiv 1 \pmod 5$
		$2T^3+2T^2+7T+1$	$5T^2+1$	$10T^5+6T^3+9T^2+3T+4$		$1593281 \equiv 1 \pmod 5$
			$5T^2+3$	$10T^5+10T^3+9T^2+9T+1$		$2252681 \equiv 1 \pmod 5$
			$5T^2+4$	$10T^5+T^3+9T^2+T+5$		$820451 \equiv 1 \pmod 5$
			$5T^2+5$	$10T^5+3T^3+9T^2+4T+9$		$9750851 \equiv 1 \pmod 5$
			$5T^2+9$	$10T^5+9T^2+5T+3$		$3634081 \equiv 1 \pmod 5$
			$5T^2+T+3$	$10T^5+2T^4+10T^3+T^2+2T+1$		$4024621 \equiv 1 \pmod 5$
			$5T^2+T+6$	$10T^5+2T^4+5T^3+T^2+2$		$2344421 \equiv 1 \pmod 5$
			$5T^2+T+8$	$10T^5+2T^4+9T^3+T^2+6T+10$		$9604496 \equiv 1 \pmod 5$
			$5T^2+T+9$	$10T^5+2T^4+T^2+9T+3$		$1318111 \equiv 1 \pmod 5$
			$5T^2+T+10$	$10T^5+2T^4+2T^3+T^2+T+7$		$1997881 \equiv 1 \pmod 5$
			$5T^2+2T+1$	$10T^5+4T^4+6T^3+4T^2+4$		$2875136 \equiv 1 \pmod 5$
			$5T^2+2T+2$	$10T^5+4T^4+8T^3+4T^2+3T+8$		$4060691 \equiv 1 \pmod 5$
			$5T^2+2T+3$	$10T^5+4T^4+10T^3+4T^2+6T+1$		$3275801 \equiv 1 \pmod 5$
			$5T^2+2T+7$	$10T^5+4T^4+7T^3+4T^2+7T+6$		$1476961 \equiv 1 \pmod 5$
			$5T^2+2T+10$	$10T^5+4T^4+2T^3+4T^2+5T+7$		$5603471 \equiv 1 \pmod 5$
		$2T^3+2T^2+7T+5$	$5T^2+1$	$10T^5+6T^3+2T^2+3T+7$		$1593281 \equiv 1 \pmod 5$
			$5T^2+3$	$10T^5+10T^3+2T^2+9T+10$		$2252681 \equiv 1 \pmod 5$
			$5T^2+4$	$10T^5+T^3+2T^2+T+6$		$820451 \equiv 1 \pmod 5$
			$5T^2+5$	$10T^5+3T^3+2T^2+4T+2$		$9750851 \equiv 1 \pmod 5$
			$5T^2+9$	$10T^5+2T^2+5T+8$		$3634081 \equiv 1 \pmod 5$
			$5T^2+T+3$	$10T^5+2T^4+10T^3+5T^2+5T+10$		$5399041 \equiv 1 \pmod 5$
			$5T^2+T+6$	$10T^5+2T^4+5T^3+5T^2+3T+9$		$2634391 \equiv 1 \pmod 5$
			$5T^2+T+8$	$10T^5+2T^4+9T^3+5T^2+9T+1$		$2684881 \equiv 1 \pmod 5$
			$5T^2+T+9$	$10T^5+2T^4+5T^2+T+8$		$1138471 \equiv 1 \pmod 5$
			$5T^2+T+10$	$10T^5+2T^4+2T^3+5T^2+4T+4$		$1889801 \equiv 1 \pmod 5$
			$5T^2+2T+1$	$10T^5+4T^4+6T^3+8T^2+6T+7$		$4148191 \equiv 1 \pmod 5$
			$5T^2+2T+2$	$10T^5+4T^4+8T^3+8T^2+9T+3$		$1259161 \equiv 1 \pmod 5$
			$5T^2+2T+3$	$10T^5+4T^4+10T^3+8T^2+T+10$		$9276601 \equiv 1 \pmod 5$
			$5T^2+2T+7$	$10T^5+4T^4+7T^3+8T^2+2T+5$		$1458256 \equiv 1 \pmod 5$
			$5T^2+2T+10$	$10T^5+4T^4+2T^3+8T^2+4$		$826601 \equiv 1 \pmod 5$
		$2T^3+2T^2+7T+8$	$5T^2+1$	$10T^5+6T^3+T^2+3T+9$		$1578541 \equiv 1 \pmod 5$
			$5T^2+3$	$10T^5+10T^3+T^2+9T+5$		$2216401 \equiv 1 \pmod 5$
			$5T^2+4$	$10T^5+T^3+T^2+T+3$		$776941 \equiv 1 \pmod 5$
			$5T^2+5$	$10T^5+3T^3+T^2+4T+1$		$1583671 \equiv 1 \pmod 5$
			$5T^2+9$	$10T^5+T^2+5T+4$		$4060691 \equiv 1 \pmod 5$
			$5T^2+T+3$	$10T^5+2T^4+10T^3+4T^2+7T+5$		$2036261 \equiv 1 \pmod 5$
			$5T^2+T+6$	$10T^5+2T^4+5T^3+4T^2+5T+10$		$4024621 \equiv 1 \pmod 5$
			$5T^2+T+8$	$10T^5+2T^4+9T^3+4T^2+6$		$1921441 \equiv 1 \pmod 5$
			$5T^2+T+9$	$10T^5+2T^4+4T^2+3T+4$		$4148191 \equiv 1 \pmod 5$
			$5T^2+T+10$	$10T^5+2T^4+2T^3+4T^2+6T+2$		$2922896 \equiv 1 \pmod 5$
			$5T^2+2T+1$	$10T^5+4T^4+6T^3+7T^2+10T+9$		$1467301 \equiv 1 \pmod 5$
			$5T^2+2T+2$	$10T^5+4T^4+8T^3+7T^2+2T+7$		$4487536 \equiv 1 \pmod 5$
			$5T^2+2T+3$	$10T^5+4T^4+10T^3+7T^2+5T+5$		$1279696 \equiv 1 \pmod 5$
			$5T^2+2T+7$	$10T^5+4T^4+7T^3+7T^2+6T+8$		$1284811 \equiv 1 \pmod 5$
			$5T^2+2T+10$	$10T^5+4T^4+2T^3+7T^2+4T+2$		$1406416 \equiv 1 \pmod 5$
		$2T^3+2T^2+7T+9$	$5T^2+1$	$10T^5+4T^2+4T+3$		$3634081 \equiv 1 \pmod 5$
			$5T^2+3$	$10T^5+4T^3+4T^2+T+9$		$9750851 \equiv 1 \pmod 5$
			$5T^2+4$	$10T^5+6T^3+4T^2+5T+1$		$2252681 \equiv 1 \pmod 5$
			$5T^2+5$	$10T^5+8T^3+4T^2+9T+4$		$1593281 \equiv 1 \pmod 5$
			$5T^2+9$	$10T^5+5T^3+4T^2+3T+5$		$820451 \equiv 1 \pmod 5$
			$5T^2+T+3$	$10T^5+2T^4+4T^3+8T^2+4T+9$		$4166896 \equiv 1 \pmod 5$
			$5T^2+T+6$	$10T^5+2T^4+10T^3+8T^2+5T+7$		$2331421 \equiv 1 \pmod 5$
			$5T^2+T+8$	$10T^5+2T^4+3T^3+8T^2+2T+2$		$1997881 \equiv 1 \pmod 5$
			$5T^2+T+9$	$10T^5+2T^4+5T^3+8T^2+6T+5$		$2488931 \equiv 1 \pmod 5$
			$5T^2+T+10$	$10T^5+2T^4+7T^3+8T^2+10T+8$		$1279696 \equiv 1 \pmod 5$
			$5T^2+2T+1$	$10T^5+4T^4+T^2+10T+3$		$2579341 \equiv 1 \pmod 5$

Table 7. Divisor class numbers of Kummer extensions with $\ell = 5, t = 2$ (Cont'd)

q	δ	$P_1(T)$	$P_2(T)$	$Q(T)$	g	h_K
11	5	$2T^3+2T^2+7T+9$	$5T^2+2T+2$	$10T^5+4T^4+2T^3+T^2+3T+6$	6	$2684881 \equiv 1 \pmod 5$
			$5T^2+2T+3$	$10T^5+4T^4+4T^3+T^2+7T+9$		$2131751 \equiv 1 \pmod 5$
			$5T^2+2T+7$	$10T^5+4T^4+T^3+T^2+T+10$		$4060691 \equiv 1 \pmod 5$
			$5T^2+2T+10$	$10T^5+4T^4+7T^3+T^2+2T+8$		$4024621 \equiv 1 \pmod 5$
		$2T^3+2T^2+9T+1$	$5T^2+1$	$10T^5+9T^2+4T+4$		$4060691 \equiv 1 \pmod 5$
			$5T^2+3$	$10T^5+4T^3+9T^2+T+1$		$1583671 \equiv 1 \pmod 5$
			$5T^2+4$	$10T^5+6T^3+9T^2+5T+5$		$2216401 \equiv 1 \pmod 5$
			$5T^2+5$	$10T^5+8T^3+9T^2+9T+9$		$1578541 \equiv 1 \pmod 5$
			$5T^2+9$	$10T^5+5T^3+9T^2+3T+3$		$776941 \equiv 1 \pmod 5$
			$5T^2+T+3$	$10T^5+2T^4+4T^3+2T^2+5T+1$		$2875136 \equiv 1 \pmod 5$
			$5T^2+T+6$	$10T^5+2T^4+10T^3+2T^2+6T+2$		$4166896 \equiv 1 \pmod 5$
			$5T^2+T+8$	$10T^5+2T^4+3T^3+2T^2+3T+10$		$2131751 \equiv 1 \pmod 5$
			$5T^2+T+9$	$10T^5+2T^4+5T^3+2T^2+7T+3$		$1929001 \equiv 1 \pmod 5$
			$5T^2+T+10$	$10T^5+2T^4+7T^3+2T^2+7$		$3634081 \equiv 1 \pmod 5$
			$5T^2+2T+1$	$10T^5+4T^4+6T^2+T+4$		$6693961 \equiv 1 \pmod 5$
			$5T^2+2T+2$	$10T^5+4T^4+2T^3+6T^2+5T+8$		$3275801 \equiv 1 \pmod 5$
			$5T^2+2T+3$	$10T^5+4T^4+4T^3+6T^2+9T+1$		$3634081 \equiv 1 \pmod 5$
			$5T^2+2T+7$	$10T^5+4T^4+T^3+6T^2+3T+6$		$5043631 \equiv 1 \pmod 5$
			$5T^2+2T+10$	$10T^5+4T^4+7T^3+6T^2+4T+7$		$1025776 \equiv 1 \pmod 5$
		$2T^3+2T^2+9T+5$	$5T^2+1$	$10T^5+2T^2+4T+7$		$4060691 \equiv 1 \pmod 5$
			$5T^2+3$	$10T^5+4T^3+2T^2+T+10$		$1583671 \equiv 1 \pmod 5$
			$5T^2+4$	$10T^5+6T^3+2T^2+5T+6$		$2216401 \equiv 1 \pmod 5$
			$5T^2+5$	$10T^5+8T^3+2T^2+9T+2$		$1578541 \equiv 1 \pmod 5$
			$5T^2+9$	$10T^5+5T^3+2T^2+3T+8$		$776941 \equiv 1 \pmod 5$
			$5T^2+T+3$	$10T^5+2T^4+4T^3+6T^2+8T+10$		$2684881 \equiv 1 \pmod 5$
			$5T^2+T+6$	$10T^5+2T^4+10T^3+6T^2+9T+9$		$4060691 \equiv 1 \pmod 5$
			$5T^2+T+8$	$10T^5+2T^4+3T^3+6T^2+6T+1$		$5603471 \equiv 1 \pmod 5$
			$5T^2+T+9$	$10T^5+2T^4+5T^3+6T^2+10T+8$		$1019191 \equiv 1 \pmod 5$
			$5T^2+T+10$	$10T^5+2T^4+7T^3+6T^2+3T+4$		$5399041 \equiv 1 \pmod 5$
			$5T^2+2T+1$	$10T^5+4T^4+10T^2+7T+7$		$1360741 \equiv 1 \pmod 5$
			$5T^2+2T+2$	$10T^5+4T^4+2T^3+10T^2+3$		$2240701 \equiv 1 \pmod 5$
			$5T^2+2T+3$	$10T^5+4T^4+4T^3+10T^2+4T+10$		$5399041 \equiv 1 \pmod 5$
			$5T^2+2T+7$	$10T^5+4T^4+T^3+10T^2+9T+5$		$9604496 \equiv 1 \pmod 5$
			$5T^2+2T+10$	$10T^5+4T^4+7T^3+10T^2+10T+4$		$1284811 \equiv 1 \pmod 5$
		$2T^3+2T^2+9T+6$	$5T^2+1$	$10T^5+7T^2+4T+8$		$3634081 \equiv 1 \pmod 5$
			$5T^2+3$	$10T^5+4T^3+7T^2+T+2$		$9750851 \equiv 1 \pmod 5$
			$5T^2+4$	$10T^5+6T^3+7T^2+5T+10$		$2252681 \equiv 1 \pmod 5$
			$5T^2+5$	$10T^5+8T^3+7T^2+9T+7$		$1593281 \equiv 1 \pmod 5$
			$5T^2+9$	$10T^5+5T^3+7T^2+3T+6$		$820451 \equiv 1 \pmod 5$
			$5T^2+T+3$	$10T^5+2T^4+4T^3+9T+2$		$1538471 \equiv 1 \pmod 5$
			$5T^2+T+6$	$10T^5+2T^4+10T^3+10T+4$		$5399041 \equiv 1 \pmod 5$
			$5T^2+T+8$	$10T^5+2T^4+3T^3+7T+9$		$725741 \equiv 1 \pmod 5$
			$5T^2+T+9$	$10T^5+2T^4+5T^3+6$		$9604496 \equiv 1 \pmod 5$
			$5T^2+T+10$	$10T^5+2T^4+7T^3+4T+3$		$2155171 \equiv 1 \pmod 5$
			$5T^2+2T+1$	$10T^5+4T^4+4T^2+9T+8$		$3275801 \equiv 1 \pmod 5$
			$5T^2+2T+2$	$10T^5+4T^4+2T^3+4T^2+2T+5$		$2355421 \equiv 1 \pmod 5$
			$5T^2+2T+3$	$10T^5+4T^4+4T^3+4T^2+6T+2$		$1360741 \equiv 1 \pmod 5$
			$5T^2+2T+7$	$10T^5+4T^4+T^3+4T^2+1$		$1318111 \equiv 1 \pmod 5$
			$5T^2+2T+10$	$10T^5+4T^4+7T^3+4T^2+T+3$		$1463341 \equiv 1 \pmod 5$

• ∞ is inert

TABLE 8. Divisor class numbers of Kummer extensions with $\ell = 2, t = 1$

q	δ	$Q(T)$	g	h_K
5	6	$2T^6 + T^3 + 1$	2	$33 \equiv 1 \pmod 2$
		$2T^6 + 4T^3 + 1$		$33 \equiv 1 \pmod 2$
		$2T^6 + 2T^3 + 2$		$27 \equiv 1 \pmod 2$
		$2T^6 + 3T^3 + 2$		$27 \equiv 1 \pmod 2$
		$2T^6 + T^3 + 3$		$27 \equiv 1 \pmod 2$
		$2T^6 + 4T^3 + 3$		$27 \equiv 1 \pmod 2$
		$2T^6 + 2T^3 + 4$		$33 \equiv 1 \pmod 2$
		$2T^6 + 3T^3 + 4$		$33 \equiv 1 \pmod 2$
		$2T^6 + T^2 + 1$		$35 \equiv 1 \pmod 2$
		$2T^6 + 2T^3 + T^2 + 1$		$33 \equiv 1 \pmod 2$
		$2T^6 + 3T^3 + T^2 + 1$		$33 \equiv 1 \pmod 2$
		$2T^6 + T^3 + T^2 + 2$		$29 \equiv 1 \pmod 2$
		$2T^6 + 4T^3 + T^2 + 2$		$29 \equiv 1 \pmod 2$
		$2T^6 + 2T^3 + T^2 + 3$		$29 \equiv 1 \pmod 2$
		$2T^6 + 3T^3 + T^2 + 3$		$29 \equiv 1 \pmod 2$
		$2T^6 + T^2 + 4$		$35 \equiv 1 \pmod 2$
		$2T^6 + T^3 + T^2 + 4$		$33 \equiv 1 \pmod 2$
		$2T^6 + 4T^3 + T^2 + 4$		$33 \equiv 1 \pmod 2$
		$2T^6 + 2T^3 + 2T^2 + 1$		$19 \equiv 1 \pmod 2$
		$2T^6 + 3T^3 + 2T^2 + 1$		$19 \equiv 1 \pmod 2$
		$2T^6 + 2T^3 + 2T^2 + 2$		$17 \equiv 1 \pmod 2$
		$2T^6 + 3T^3 + 2T^2 + 2$		$17 \equiv 1 \pmod 2$
		$2T^6 + T^3 + 2T^2 + 3$		$17 \equiv 1 \pmod 2$
		$2T^6 + 4T^3 + 2T^2 + 3$		$17 \equiv 1 \pmod 2$
		$2T^6 + T^3 + 2T^2 + 4$		$19 \equiv 1 \pmod 2$
		$2T^6 + 4T^3 + 2T^2 + 4$		$19 \equiv 1 \pmod 2$
		$2T^6 + 3T^2 + 1$		$63 \equiv 1 \pmod 2$
		$2T^6 + 3T^2 + 4$		$63 \equiv 1 \pmod 2$
		$2T^6 + T^3 + 4T^2 + 1$		$17 \equiv 1 \pmod 2$
		$2T^6 + 4T^3 + 4T^2 + 1$		$17 \equiv 1 \pmod 2$
		$2T^6 + 2T^3 + 4T^2 + 4$		$17 \equiv 1 \pmod 2$
		$2T^6 + 3T^3 + 4T^2 + 4$		$17 \equiv 1 \pmod 2$
		$2T^6 + T^5 + 1$		$21 \equiv 1 \pmod 2$
		$2T^6 + T^5 + 2T^3 + 2$		$13 \equiv 1 \pmod 2$
		$2T^6 + T^5 + 4T^3 + 2$		$47 \equiv 1 \pmod 2$
		$2T^6 + T^5 + T^3 + 4$		$17 \equiv 1 \pmod 2$
		$2T^6 + T^5 + T^3 + T^2 + 1$		$17 \equiv 1 \pmod 2$
		$2T^6 + T^5 + 4T^3 + T^2 + 1$		$47 \equiv 1 \pmod 2$
		$2T^6 + T^5 + T^3 + T^2 + 2$		$19 \equiv 1 \pmod 2$
		$2T^6 + T^5 + 2T^3 + T^2 + 2$		$11 \equiv 1 \pmod 2$
		$2T^6 + T^5 + 4T^3 + T^2 + 3$		$41 \equiv 1 \pmod 2$
		$2T^6 + T^5 + T^2 + 4$		$25 \equiv 1 \pmod 2$
		$2T^6 + T^5 + 3T^3 + 2T^2 + 1$		$47 \equiv 1 \pmod 2$
		$2T^6 + T^5 + T^3 + 2T^2 + 2$		$11 \equiv 1 \pmod 2$
		$2T^6 + T^5 + 4T^3 + 2T^2 + 2$		$29 \equiv 1 \pmod 2$
		$2T^6 + T^5 + 2T^2 + 3$		$21 \equiv 1 \pmod 2$
		$2T^6 + T^5 + 2T^2 + 4$		$21 \equiv 1 \pmod 2$
		$2T^6 + T^5 + 3T^3 + 2T^2 + 4$		$41 \equiv 1 \pmod 2$

Table 8. Divisor class numbers of Kummer extensions with $\ell = 3, t = 2$ (Cont'd)

q	δ	$Q(T)$	g	h_K
5	6	$2T^6 + T^5 + 4T^3 + 2T^2 + 4$	2	$33 \equiv 1 \pmod 2$
		$2T^6 + T^5 + 2T^3 + 3T^2 + 1$		$33 \equiv 1 \pmod 2$
		$2T^6 + T^5 + 3T^3 + 3T^2 + 2$		$17 \equiv 1 \pmod 2$
		$2T^6 + T^5 + 4T^3 + 3T^2 + 3$		$13 \equiv 1 \pmod 2$
		$2T^6 + T^5 + T^3 + 3T^2 + 4$		$47 \equiv 1 \pmod 2$
		$2T^6 + T^5 + 2T^3 + 3T^2 + 4$		$27 \equiv 1 \pmod 2$
		$2T^6 + T^5 + T^3 + 4T^2 + 4$		$13 \equiv 1 \pmod 2$
		$2T^6 + 2T^5 + 3T^3 + 1$		$17 \equiv 1 \pmod 2$
		$2T^6 + 2T^5 + T^3 + 3$		$13 \equiv 1 \pmod 2$
		$2T^6 + 2T^5 + 2T^3 + 3$		$47 \equiv 1 \pmod 2$
		$2T^6 + 2T^5 + 4$		$21 \equiv 1 \pmod 2$
		$2T^6 + 2T^5 + T^2 + 1$		$25 \equiv 1 \pmod 2$
		$2T^6 + 2T^5 + 2T^3 + T^2 + 2$		$41 \equiv 1 \pmod 2$
		$2T^6 + 2T^5 + T^3 + T^2 + 3$		$11 \equiv 1 \pmod 2$
		$2T^6 + 2T^5 + 3T^3 + T^2 + 3$		$19 \equiv 1 \pmod 2$
		$2T^6 + 2T^5 + 2T^3 + T^2 + 4$		$47 \equiv 1 \pmod 2$
		$2T^6 + 2T^5 + 3T^3 + T^2 + 4$		$17 \equiv 1 \pmod 2$
		$2T^6 + 2T^5 + 2T^2 + 1$		$21 \equiv 1 \pmod 2$
		$2T^6 + 2T^5 + 2T^3 + 2T^2 + 1$		$33 \equiv 1 \pmod 2$
		$2T^6 + 2T^5 + 4T^3 + 2T^2 + 1$		$41 \equiv 1 \pmod 2$
		$2T^6 + 2T^5 + 2T^2 + 2$		$21 \equiv 1 \pmod 2$
		$2T^6 + 2T^5 + 2T^3 + 2T^2 + 3$		$29 \equiv 1 \pmod 2$
		$2T^6 + 2T^5 + 3T^3 + 2T^2 + 3$		$11 \equiv 1 \pmod 2$
		$2T^6 + 2T^5 + 4T^3 + 2T^2 + 4$		$47 \equiv 1 \pmod 2$
		$2T^6 + 2T^5 + T^3 + 3T^2 + 1$		$27 \equiv 1 \pmod 2$
		$2T^6 + 2T^5 + 3T^3 + 3T^2 + 1$		$47 \equiv 1 \pmod 2$
		$2T^6 + 2T^5 + 2T^3 + 3T^2 + 2$		$13 \equiv 1 \pmod 2$
		$2T^6 + 2T^5 + 4T^3 + 3T^2 + 3$		$17 \equiv 1 \pmod 2$
		$2T^6 + 2T^5 + T^3 + 3T^2 + 4$		$33 \equiv 1 \pmod 2$
		$2T^6 + 2T^5 + 3T^3 + 4T^2 + 1$		$13 \equiv 1 \pmod 2$
		$2T^6 + 3T^5 + 2T^3 + 1$		$17 \equiv 1 \pmod 2$
		$2T^6 + 3T^5 + 3T^3 + 3$		$47 \equiv 1 \pmod 2$
		$2T^6 + 3T^5 + 4T^3 + 3$		$13 \equiv 1 \pmod 2$
		$2T^6 + 3T^5 + 4$		$21 \equiv 1 \pmod 2$
		$2T^6 + 3T^5 + T^2 + 1$		$25 \equiv 1 \pmod 2$
		$2T^6 + 3T^5 + 3T^3 + T^2 + 2$		$41 \equiv 1 \pmod 2$
		$2T^6 + 3T^5 + 2T^3 + T^2 + 3$		$19 \equiv 1 \pmod 2$
		$2T^6 + 3T^5 + 4T^3 + T^2 + 3$		$11 \equiv 1 \pmod 2$
		$2T^6 + 3T^5 + 2T^3 + T^2 + 4$		$17 \equiv 1 \pmod 2$
		$2T^6 + 3T^5 + 3T^3 + T^2 + 4$		$47 \equiv 1 \pmod 2$
		$2T^6 + 3T^5 + 2T^2 + 1$		$21 \equiv 1 \pmod 2$
		$2T^6 + 3T^5 + T^3 + 2T^2 + 1$		$41 \equiv 1 \pmod 2$
		$2T^6 + 3T^5 + 3T^3 + 2T^2 + 1$		$33 \equiv 1 \pmod 2$
		$2T^6 + 3T^5 + 2T^2 + 2$		$21 \equiv 1 \pmod 2$
		$2T^6 + 3T^5 + 2T^3 + 2T^2 + 3$		$11 \equiv 1 \pmod 2$
		$2T^6 + 3T^5 + 3T^3 + 2T^2 + 3$		$29 \equiv 1 \pmod 2$
		$2T^6 + 3T^5 + T^3 + 2T^2 + 4$		$47 \equiv 1 \pmod 2$
		$2T^6 + 3T^5 + 2T^3 + 3T^2 + 1$		$47 \equiv 1 \pmod 2$
		$2T^6 + 3T^5 + 4T^3 + 3T^2 + 1$		$27 \equiv 1 \pmod 2$
		$2T^6 + 3T^5 + 3T^3 + 3T^2 + 2$		$13 \equiv 1 \pmod 2$

Table 8. Divisor class numbers of Kummer extensions with $\ell = 3, t = 2$ (Cont'd)

q	δ	$Q(T)$	g	h_K
5	6	$2T^6 + 3T^5 + T^3 + 3T^2 + 3$	2	$17 \equiv 1 \pmod 2$
		$2T^6 + 3T^5 + 4T^3 + 3T^2 + 4$		$33 \equiv 1 \pmod 2$
		$2T^6 + 3T^5 + 2T^3 + 4T^2 + 1$		$13 \equiv 1 \pmod 2$
		$2T^6 + 4T^5 + 1$		$21 \equiv 1 \pmod 2$
		$2T^6 + 4T^5 + T^3 + 2$		$47 \equiv 1 \pmod 2$
		$2T^6 + 4T^5 + 3T^3 + 2$		$13 \equiv 1 \pmod 2$
		$2T^6 + 4T^5 + 4T^3 + 4$		$17 \equiv 1 \pmod 2$
		$2T^6 + 4T^5 + T^3 + T^2 + 1$		$47 \equiv 1 \pmod 2$
		$2T^6 + 4T^5 + 4T^3 + T^2 + 1$		$17 \equiv 1 \pmod 2$
		$2T^6 + 4T^5 + 3T^3 + T^2 + 2$		$11 \equiv 1 \pmod 2$
		$2T^6 + 4T^5 + 4T^3 + T^2 + 2$		$19 \equiv 1 \pmod 2$
		$2T^6 + 4T^5 + T^3 + T^2 + 3$		$41 \equiv 1 \pmod 2$
		$2T^6 + 4T^5 + T^2 + 4$		$25 \equiv 1 \pmod 2$
		$2T^6 + 4T^5 + 2T^3 + 2T^2 + 1$		$47 \equiv 1 \pmod 2$
		$2T^6 + 4T^5 + T^3 + 2T^2 + 2$		$29 \equiv 1 \pmod 2$
		$2T^6 + 4T^5 + 4T^3 + 2T^2 + 2$		$11 \equiv 1 \pmod 2$
		$2T^6 + 4T^5 + 2T^2 + 3$		$21 \equiv 1 \pmod 2$
		$2T^6 + 4T^5 + 2T^2 + 4$		$21 \equiv 1 \pmod 2$
		$2T^6 + 4T^5 + T^3 + 2T^2 + 4$		$33 \equiv 1 \pmod 2$
		$2T^6 + 4T^5 + 2T^3 + 2T^2 + 4$		$41 \equiv 1 \pmod 2$
		$2T^6 + 4T^5 + 3T^3 + 3T^2 + 1$		$33 \equiv 1 \pmod 2$
		$2T^6 + 4T^5 + 2T^3 + 3T^2 + 2$		$17 \equiv 1 \pmod 2$
		$2T^6 + 4T^5 + T^3 + 3T^2 + 3$		$13 \equiv 1 \pmod 2$
		$2T^6 + 4T^5 + 3T^3 + 3T^2 + 4$		$27 \equiv 1 \pmod 2$
		$2T^6 + 4T^5 + 4T^3 + 3T^2 + 4$		$47 \equiv 1 \pmod 2$
		$2T^6 + 4T^5 + 4T^3 + 4T^2 + 4$		$13 \equiv 1 \pmod 2$

TABLE 9. Divisor class numbers of Kummer extensions with $\ell = 2, t = 2$

q	δ	$P_1(T)$	$P_2(T)$	$Q(T)$	g	h_K
3	8	$2T^3+T+1$	T^5+2T+1	$2T^8+T^6+T^5+T^4+2T^3+2T^2+1$	3	$63 \equiv 1 \pmod 2$
			T^5+2T+2	$2T^8+T^6+T^5+T^4+T^3+2T^2+T+2$		$7 \equiv 1 \pmod 2$
			T^5+T^3+T+1	$2T^8+T^5+T^2+2T+1$		$77 \equiv 1 \pmod 2$
			T^5+T^3+T+2	$2T^8+T^5+2T^3+T^2+2$		$11 \equiv 1 \pmod 2$
			T^5+T^4+2	$2T^8+2T^7+T^6+2T^5+T^4+T^3+2T+2$		$13 \equiv 1 \pmod 2$
			T^5+T^4+T+2	$2T^8+2T^7+T^6+2T^5+T^3+T^2+2$		$15 \equiv 1 \pmod 2$
			T^5+T^4+2T+1	$2T^8+2T^7+T^6+2T^5+2T^4+2T^3+2T^2+1$		$23 \equiv 1 \pmod 2$
			$T^5+T^4+T^3+T+1$	$2T^8+2T^7+2T^5+T^4+T^2+2T+1$		$25 \equiv 1 \pmod 2$
			$T^5+T^4+2T^3+1$	$2T^8+2T^7+2T^6+2T^5+T^3+T+1$		$15 \equiv 1 \pmod 2$
			$T^5+T^4+2T^3+2T+2$	$2T^8+2T^7+2T^6+2T^5+T^4+2T^2+T+2$		$21 \equiv 1 \pmod 2$
			T^5+2T^4+1	$2T^8+T^7+T^6+2T^4+2T^3+T+1$		$29 \equiv 1 \pmod 2$
			T^5+2T^4+T+1	$2T^8+T^7+T^6+T^4+2T^3+T^2+2T+1$		$25 \equiv 1 \pmod 2$
			T^5+2T^4+2T+2	$2T^8+T^7+T^6+T^3+2T^2+T+2$		$43 \equiv 1 \pmod 2$
			$T^5+2T^4+T^3+T+2$	$2T^8+T^7+2T^4+2T^3+T^2+2$		$49 \equiv 1 \pmod 2$
			$T^5+2T^4+2T^3+2$	$2T^8+T^7+2T^6+T^4+2T+2$		$33 \equiv 1 \pmod 2$
			$T^5+2T^4+2T^3+2T+1$	$2T^8+T^7+2T^6+2T^4+T^3+2T^2+1$		$41 \equiv 1 \pmod 2$
		$2T^3+T+2$	T^5+2T+1	$2T^8+T^6+2T^5+T^4+2T^3+2T^2+2T+2$		$7 \equiv 1 \pmod 2$
			T^5+2T+2	$2T^8+T^6+2T^5+T^4+T^3+2T^2+1$		$63 \equiv 1 \pmod 2$
			T^5+T^3+T+1	$2T^8+2T^5+T^3+T^2+2$		$11 \equiv 1 \pmod 2$
			T^5+T^3+T+2	$2T^8+2T^5+T^2+T+1$		$77 \equiv 1 \pmod 2$
			T^5+T^4+2	$2T^8+2T^7+T^6+2T^4+T^3+2T+1$		$29 \equiv 1 \pmod 2$
			T^5+T^4+T+2	$2T^8+2T^7+T^6+T^4+T^3+T^2+T+1$		$25 \equiv 1 \pmod 2$
			T^5+T^4+2T+1	$2T^8+2T^7+T^6+2T^3+2T^2+2T+2$		$43 \equiv 1 \pmod 2$
			$T^5+T^4+T^3+T+1$	$2T^8+2T^7+2T^4+T^3+T^2+2$		$49 \equiv 1 \pmod 2$
			$T^5+T^4+2T^3+1$	$2T^8+2T^7+2T^6+T^4+T+2$		$33 \equiv 1 \pmod 2$
			$T^5+T^4+2T^3+2T+2$	$2T^8+2T^7+2T^6+2T^4+2T^3+2T^2+1$		$41 \equiv 1 \pmod 2$
			T^5+2T^4+1	$2T^8+T^7+T^6+T^5+T^4+2T^3+T+2$		$13 \equiv 1 \pmod 2$
			T^5+2T^4+T+1	$2T^8+T^7+T^6+T^5+2T^3+T^2+2$		$15 \equiv 1 \pmod 2$
			T^5+2T^4+2T+2	$2T^8+T^7+T^6+T^5+2T^4+T^3+2T^2+1$		$23 \equiv 1 \pmod 2$
			$T^5+2T^4+T^3+T+2$	$2T^8+T^7+T^5+T^4+T^2+T+1$		$25 \equiv 1 \pmod 2$
			$T^5+2T^4+2T^3+2$	$2T^8+T^7+2T^6+T^5+2T^3+2T+1$		$15 \equiv 1 \pmod 2$
			$T^5+2T^4+2T^3+2T+1$	$2T^8+T^7+2T^6+T^5+T^4+2T^2+2T+2$		$21 \equiv 1 \pmod 2$
		$2T^3+T^2+2$	T^5+2T+1	$2T^8+T^7+2T^5+T^4+T^3+T^2+T+2$		$13 \equiv 1 \pmod 2$
			T^5+2T+2	$2T^8+T^7+2T^5+T^4+2T^2+T+1$		$35 \equiv 1 \pmod 2$
			T^5+T^3+T+1	$2T^8+T^7+2T^6+2T^4+2T^3+T^2+2T+2$		$23 \equiv 1 \pmod 2$
			T^5+T^3+T+2	$2T^8+T^7+2T^6+2T^4+T^3+2T^2+2T+1$		$37 \equiv 1 \pmod 2$
			T^5+T^4+2	$2T^8+T^6+2T^5+2T^4+T^3+2T^2+1$		$17 \equiv 1 \pmod 2$
			T^5+T^4+T+2	$2T^8+T^6+2T^5+T^4+2T^3+2T^2+2T+1$		$73 \equiv 1 \pmod 2$
			T^5+T^4+2T+1	$2T^8+T^6+2T^5+T^3+T^2+T+2$		$15 \equiv 1 \pmod 2$
			$T^5+T^4+T^3+T+1$	$2T^8+T^4+2T^3+T^2+2T+2$		$13 \equiv 1 \pmod 2$
			$T^5+T^4+2T^3+1$	$2T^8+2T^6+T^5+2T^4+T^2+2$		$25 \equiv 1 \pmod 2$
			$T^5+T^4+2T^3+2T+2$	$2T^8+2T^6+T^5+T^3+2T^2+T+1$		$49 \equiv 1 \pmod 2$
			T^5+2T^4+1	$2T^8+2T^7+2T^6+2T^5+T^4+2T^3+T^2+2$		$7 \equiv 1 \pmod 2$
			T^5+2T^4+T+1	$2T^8+2T^7+2T^6+2T^5+T^2+2T+2$		$43 \equiv 1 \pmod 2$
			T^5+2T^4+2T+2	$2T^8+2T^7+2T^6+2T^5+2T^4+2T^2+T+1$		$23 \equiv 1 \pmod 2$
			$T^5+2T^4+T^3+T+2$	$2T^8+2T^7+T^6+T^3+2T^2+2T+1$		$35 \equiv 1 \pmod 2$
			$T^5+2T^4+2T^3+2$	$2T^8+2T^7+T^5+T^4+2T^3+2T^2+1$		$47 \equiv 1 \pmod 2$
			$T^5+2T^4+2T^3+2T+1$	$2T^8+2T^7+T^5+2T^4+2T^3+T^2+T+2$		$25 \equiv 1 \pmod 2$
		$2T^3+T^2+T+1$	T^5+2T+1	$2T^8+T^7+T^6+T^5+T^4+T^3+1$		$25 \equiv 1 \pmod 2$
			T^5+2T+2	$2T^8+T^7+T^6+T^5+T^4+T^2+T+2$		$31 \equiv 1 \pmod 2$
			T^5+T^3+T+1	$2T^8+T^7+2T^5+T^3+2T^2+2T+1$		$21 \equiv 1 \pmod 2$
			T^5+T^3+T+2	$2T^8+T^7+2T^5+2$		$23 \equiv 1 \pmod 2$
			T^5+T^4+2	$2T^8+2T^6+2T^5+T^4+T^3+2T^2+2T+2$		$15 \equiv 1 \pmod 2$
			T^5+T^4+T+2	$2T^8+2T^6+2T^5+2T^3+2$		$19 \equiv 1 \pmod 2$
			T^5+T^4+2T+1	$2T^8+2T^6+2T^5+2T^4+T^3+1$		$75 \equiv 1 \pmod 2$
			$T^5+T^4+T^3+T+1$	$2T^8+T^6+T^4+T^3+2T^2+2T+1$		$65 \equiv 1 \pmod 2$
			$T^5+T^4+2T^3+1$	$2T^8+T^5+T^3+T^2+T+1$		$67 \equiv 1 \pmod 2$
			$T^5+T^4+2T^3+2T+2$	$2T^8+T^5+T^4+2T^3+T^2+T+2$		$19 \equiv 1 \pmod 2$
			T^5+2T^4+1	$2T^8+2T^7+2T^4+2T^3+T^2+T+1$		$49 \equiv 1 \pmod 2$
			T^5+2T^4+T+1	$2T^8+2T^7+T^4+2T^2+2T+1$		$39 \equiv 1 \pmod 2$
			T^5+2T^4+2T+2	$2T^8+2T^7+T^2+T+2$		$11 \equiv 1 \pmod 2$
			$T^5+2T^4+T^3+T+2$	$2T^8+2T^7+2T^6+T^5+2T^4+2$		$7 \equiv 1 \pmod 2$
			$T^5+2T^4+2T^3+2$	$2T^8+2T^7+T^6+2T^5+T^4+2T^2+2T+2$		$7 \equiv 1 \pmod 2$

Table 9. Divisor class numbers of Kummer extensions with $\ell = 2, t = 2$ (Cont'd)

q	δ	$P_1(T)$	$P_2(T)$	$Q(T)$	g	h_K
3	8	$2T^3+T^2+2T+2$	T^5+2T+1	$2T^8+T^7+2T^6+2T^5+T^4+T^3+2T^2+2$	3	$15 \equiv 1 \pmod 2$
			T^5+2T+2	$2T^8+T^7+2T^6+2T^5+T^4+2T+1$		$47 \equiv 1 \pmod 2$
			T^5+T^3+T+1	$2T^8+T^7+T^6+T^4+2T^3+T+2$		$15 \equiv 1 \pmod 2$
			T^5+T^3+T+2	$2T^8+T^7+T^6+T^4+T^3+T^2+1$		$39 \equiv 1 \pmod 2$
			T^5+T^4+2	$2T^8+T^5+2T^4+T^3+2T^2+T+1$		$87 \equiv 1 \pmod 2$
			T^5+T^4+T+2	$2T^8+T^5+T^4+2T^3+T^2+1$		$21 \equiv 1 \pmod 2$
			T^5+T^4+2T+1	$2T^8+T^5+T^3+2T^2+2$		$19 \equiv 1 \pmod 2$
			$T^5+T^4+T^3+T+1$	$2T^8+2T^6+2T^5+2T^3+T+2$		$17 \equiv 1 \pmod 2$
			$T^5+T^4+2T^3+1$	$2T^8+T^6+T^2+2T+2$		$17 \equiv 1 \pmod 2$
			$T^5+T^4+2T^3+2T+2$	$2T^8+T^6+T^4+T^3+2T+1$		$23 \equiv 1 \pmod 2$
			T^5+2T^4+1	$2T^8+2T^7+T^6+T^4+2T^3+T^2+2T+2$		$31 \equiv 1 \pmod 2$
			T^5+2T^4+T+1	$2T^8+2T^7+T^6+T+2$		$11 \equiv 1 \pmod 2$
			T^5+2T^4+2T+2	$2T^8+2T^7+T^6+2T^4+2T+1$		$41 \equiv 1 \pmod 2$
			$T^5+2T^4+T^3+T+2$	$2T^8+2T^7+T^5+2T^4+T^3+T^2+1$		$33 \equiv 1 \pmod 2$
			$T^5+2T^4+2T^3+2$	$2T^8+2T^7+2T^6+2T^5+2T^4+2T^3+2T^2+T+1$		$29 \equiv 1 \pmod 2$
			$T^5+2T^4+2T^3+2T+1$	$2T^8+2T^7+2T^6+2T^5+2T^3+2T^2+2$		$11 \equiv 1 \pmod 2$
		$2T^3+2T^2+1$	T^5+2T+1	$2T^8+2T^7+T^5+T^4+2T^2+2T+1$		$35 \equiv 1 \pmod 2$
			T^5+2T+2	$2T^8+2T^7+T^5+T^4+2T^3+T^2+2T+2$		$13 \equiv 1 \pmod 2$
			T^5+T^3+T+1	$2T^8+2T^7+2T^6+2T^4+2T^3+2T^2+T+1$		$37 \equiv 1 \pmod 2$
			T^5+T^3+T+2	$2T^8+2T^7+2T^6+2T^4+T^3+T^2+T+2$		$23 \equiv 1 \pmod 2$
			T^5+T^4+2	$2T^8+T^7+2T^6+T^5+T^4+T^3+T^2+2$		$7 \equiv 1 \pmod 2$
			T^5+T^4+T+2	$2T^8+T^7+2T^6+T^5+T^2+T+2$		$43 \equiv 1 \pmod 2$
			T^5+T^4+2T+1	$2T^8+T^7+2T^6+T^5+2T^4+2T^2+2T+1$		$23 \equiv 1 \pmod 2$
			$T^5+T^4+T^3+T+1$	$2T^8+T^7+T^6+2T^3+2T^2+T+1$		$35 \equiv 1 \pmod 2$
			$T^5+T^4+2T^3+1$	$2T^8+T^7+2T^5+T^4+T^3+2T^2+1$		$47 \equiv 1 \pmod 2$
			$T^5+T^4+2T^3+2T+2$	$2T^8+T^7+2T^5+2T^4+T^3+T^2+2T+2$		$25 \equiv 1 \pmod 2$
			T^5+2T^4+1	$2T^8+T^6+T^5+2T^4+2T^3+2T^2+1$		$17 \equiv 1 \pmod 2$
			T^5+2T^4+T+1	$2T^8+T^6+T^5+T^4+T^3+2T^2+T+1$		$73 \equiv 1 \pmod 2$
			T^5+2T^4+2T+2	$2T^8+T^6+T^5+2T^3+T^2+2T+2$		$15 \equiv 1 \pmod 2$
			$T^5+2T^4+T^3+T+2$	$2T^8+T^4+T^3+T^2+T+2$		$13 \equiv 1 \pmod 2$
			$T^5+2T^4+2T^3+2$	$2T^8+2T^6+2T^5+2T^4+T^2+2$		$25 \equiv 1 \pmod 2$
			$T^5+2T^4+2T^3+2T+1$	$2T^8+2T^6+2T^5+2T^3+2T^2+2T+1$		$49 \equiv 1 \pmod 2$
		$2T^3+2T^2+T+2$	T^5+2T+1	$2T^8+2T^7+T^6+2T^5+T^4+T^2+2T+2$		$31 \equiv 1 \pmod 2$
			T^5+2T+2	$2T^8+2T^7+T^6+2T^5+T^4+2T^3+1$		$25 \equiv 1 \pmod 2$
			T^5+T^3+T+1	$2T^8+2T^7+T^5+2$		$23 \equiv 1 \pmod 2$
			T^5+T^3+T+2	$2T^8+2T^7+T^5+2T^3+2T^2+T+1$		$21 \equiv 1 \pmod 2$
			T^5+T^4+2	$2T^8+T^7+2T^4+T^3+T^2+2T+1$		$49 \equiv 1 \pmod 2$
			T^5+T^4+T+2	$2T^8+T^7+T^4+2T^2+T+1$		$39 \equiv 1 \pmod 2$
			T^5+T^4+2T+1	$2T^8+T^7+T^2+2T+2$		$11 \equiv 1 \pmod 2$
			$T^5+T^4+T^3+T+1$	$2T^8+T^7+2T^6+2T^5+2T^4+2$		$7 \equiv 1 \pmod 2$
			$T^5+T^4+2T^3+1$	$2T^8+T^7+T^6+T^5+T^4+2T^2+T+2$		$7 \equiv 1 \pmod 2$
			$T^5+T^4+2T^3+2T+2$	$2T^8+T^7+T^6+T^5+2T^4+1$		$37 \equiv 1 \pmod 2$
			T^5+2T^4+1	$2T^8+2T^6+T^5+T^4+2T^3+2T^2+T+2$		$15 \equiv 1 \pmod 2$
			T^5+2T^4+T+1	$2T^8+2T^6+T^5+T^3+2$		$19 \equiv 1 \pmod 2$
			T^5+2T^4+2T+2	$2T^8+2T^6+T^5+2T^4+2T^3+1$		$75 \equiv 1 \pmod 2$
			$T^5+2T^4+T^3+T+2$	$2T^8+T^6+T^4+2T^3+2T^2+T+1$		$65 \equiv 1 \pmod 2$
			$T^5+2T^4+2T^3+2$	$2T^8+2T^5+2T^3+T^2+2T+1$		$67 \equiv 1 \pmod 2$
			$T^5+2T^4+2T^3+2T+1$	$2T^8+2T^5+T^4+T^3+T^2+2T+2$		$19 \equiv 1 \pmod 2$
		$2T^3+2T^2+2T+1$	T^5+2T+1	$2T^8+2T^7+2T^6+T^5+T^4+T+1$		$47 \equiv 1 \pmod 2$
			T^5+2T+2	$2T^8+2T^7+2T^6+T^5+T^4+2T^3+2T^2+2$		$15 \equiv 1 \pmod 2$
			T^5+T^3+T+1	$2T^8+2T^7+T^6+T^4+2T^3+T^2+1$		$39 \equiv 1 \pmod 2$
			T^5+T^3+T+2	$2T^8+2T^7+T^6+T^4+T^3+2T+2$		$15 \equiv 1 \pmod 2$
			T^5+T^4+2	$2T^8+T^7+T^6+T^4+T^3+T^2+T+2$		$31 \equiv 1 \pmod 2$
			T^5+T^4+T+2	$2T^8+T^7+T^6+2T+2$		$11 \equiv 1 \pmod 2$
			T^5+T^4+2T+1	$2T^8+T^7+T^6+2T^4+T+1$		$41 \equiv 1 \pmod 2$
			$T^5+T^4+T^3+T+1$	$2T^8+T^7+2T^5+2T^4+2T^3+T^2+1$		$33 \equiv 1 \pmod 2$
			$T^5+T^4+2T^3+1$	$2T^8+T^7+2T^6+T^5+2T^4+T^3+2T^2+2T+1$		$29 \equiv 1 \pmod 2$
			$T^5+T^4+2T^3+2T+2$	$2T^8+T^7+2T^6+T^5+T^3+2T^2+2$		$11 \equiv 1 \pmod 2$
			T^5+2T^4+1	$2T^8+2T^5+2T^4+2T^3+2T^2+2T+1$		$87 \equiv 1 \pmod 2$
			T^5+2T^4+T+1	$2T^8+2T^5+T^4+T^3+T^2+1$		$21 \equiv 1 \pmod 2$
			T^5+2T^4+2T+2	$2T^8+2T^5+2T^3+2T^2+2$		$19 \equiv 1 \pmod 2$
			$T^5+2T^4+T^3+T+2$	$2T^8+2T^6+T^5+T^3+2T+2$		$17 \equiv 1 \pmod 2$
			$T^5+2T^4+2T^3+2$	$2T^8+T^6+T^2+T+2$		$17 \equiv 1 \pmod 2$

TABLE 10. Divisor class numbers of Kummer extensions with $\ell = 3, t = 2$

q	δ	$P_1(T)$	$P_2(T)$	$Q(T)$	g	h_K
7	6	$3T^2+T+6$	T^4+T+1	$3T^6+T^5+6T^4+3T^3+4T^2+6$	4	$2353 \equiv 1 \pmod 3$
			T^4+T+2	$3T^6+T^5+6T^4+3T^3+T+5$		$1552 \equiv 1 \pmod 3$
			T^4+T+4	$3T^6+T^5+6T^4+3T^3+6T^2+3T+3$		$2107 \equiv 1 \pmod 3$
			T^4+2T+3	$3T^6+T^5+6T^4+6T^3+4T^2+T+4$		$1084 \equiv 1 \pmod 3$
			T^4+2T+5	$3T^6+T^5+6T^4+6T^3+3T^2+3T+2$		$2716 \equiv 1 \pmod 3$
			T^4+2T+6	$3T^6+T^5+6T^4+6T^3+6T^2+4T+1$		$5308 \equiv 1 \pmod 3$
			T^4+5T+3	$3T^6+T^5+6T^4+T^3+5T+4$		$3913 \equiv 1 \pmod 3$
			T^4+5T+5	$3T^6+T^5+6T^4+T^3+6T^2+2$		$1939 \equiv 1 \pmod 3$
			T^4+5T+6	$3T^6+T^5+6T^4+T^3+2T^2+T+1$		$2317 \equiv 1 \pmod 3$
			T^4+6T+1	$3T^6+T^5+6T^4+4T^3+2T^2+2T+6$		$1891 \equiv 1 \pmod 3$
			T^4+6T+2	$3T^6+T^5+6T^4+4T^3+5T^2+3T+5$		$1117 \equiv 1 \pmod 3$
			T^4+6T+4	$3T^6+T^5+6T^4+4T^3+4T^2+5T+3$		$1939 \equiv 1 \pmod 3$
			T^4+T^2+3	$3T^6+T^5+2T^4+T^3+T^2+3T+4$		$1204 \equiv 1 \pmod 3$
			T^4+T^2+6	$3T^6+T^5+2T^4+T^3+3T^2+6T+1$		$1648 \equiv 1 \pmod 3$
			T^4+T^2+T+1	$3T^6+T^5+2T^4+4T^3+3T^2+6$		$2212 \equiv 1 \pmod 3$
		$3T^2+2T+1$	T^4+T+1	$3T^6+2T^5+T^4+3T^3+5T^2+3T+1$		$2797 \equiv 1 \pmod 3$
			T^4+T+2	$3T^6+2T^5+T^4+3T^3+T^2+5T+2$		$784 \equiv 1 \pmod 3$
			T^4+T+4	$3T^6+2T^5+T^4+3T^3+2T+4$		$3052 \equiv 1 \pmod 3$
			T^4+2T+3	$3T^6+2T^5+T^4+6T^3+6T^2+T+3$		$3748 \equiv 1 \pmod 3$
			T^4+2T+5	$3T^6+2T^5+T^4+6T^3+5T^2+5T+5$		$4963 \equiv 1 \pmod 3$
			T^4+2T+6	$3T^6+2T^5+T^4+6T^3+T^2+6$		$2593 \equiv 1 \pmod 3$
			T^4+5T+3	$3T^6+2T^5+T^4+T^3+5T^2+4T+3$		$1648 \equiv 1 \pmod 3$
			T^4+5T+5	$3T^6+2T^5+T^4+T^3+4T^2+T+5$		$1939 \equiv 1 \pmod 3$
			T^4+5T+6	$3T^6+2T^5+T^4+T^3+3T+6$		$1204 \equiv 1 \pmod 3$
			T^4+6T+1	$3T^6+2T^5+T^4+4T^3+T^2+T+1$		$4783 \equiv 1 \pmod 3$
			T^4+6T+2	$3T^6+2T^5+T^4+4T^3+4T^2+3T+2$		$1807 \equiv 1 \pmod 3$
			T^4+6T+4	$3T^6+2T^5+T^4+4T^3+3T^2+4$		$976 \equiv 1 \pmod 3$
			T^4+T^2+3	$3T^6+2T^5+4T^4+2T^3+3T^2+6T+3$		$1231 \equiv 1 \pmod 3$
			T^4+T^2+6	$3T^6+2T^5+4T^4+2T^3+5T^2+5T+6$		$3571 \equiv 1 \pmod 3$
			T^4+T^2+T+1	$3T^6+2T^5+4T^4+5T^3+6T^2+3T+1$		$2107 \equiv 1 \pmod 3$
		$3T^2+2T+3$	T^4+T+1	$3T^6+2T^5+3T^4+3T^3+5T^2+5T+3$		$2107 \equiv 1 \pmod 3$
			T^4+T+2	$3T^6+2T^5+3T^4+3T^3+T^2+6$		$2353 \equiv 1 \pmod 3$
			T^4+T+4	$3T^6+2T^5+3T^4+3T^3+4T+5$		$1552 \equiv 1 \pmod 3$
			T^4+2T+3	$3T^6+2T^5+3T^4+6T^3+6T^2+5T+2$		$2716 \equiv 1 \pmod 3$
			T^4+2T+5	$3T^6+2T^5+3T^4+6T^3+5T^2+2T+1$		$5308 \equiv 1 \pmod 3$
			T^4+2T+6	$3T^6+2T^5+3T^4+6T^3+T^2+4T+4$		$1084 \equiv 1 \pmod 3$
			T^4+5T+3	$3T^6+2T^5+3T^4+T^3+5T^2+2$		$1939 \equiv 1 \pmod 3$
			T^4+5T+5	$3T^6+2T^5+3T^4+T^3+4T^2+4T+1$		$2317 \equiv 1 \pmod 3$
			T^4+5T+6	$3T^6+2T^5+3T^4+T^3+6T+4$		$3913 \equiv 1 \pmod 3$
			T^4+6T+1	$3T^6+2T^5+3T^4+4T^3+T^2+6T+3$		$1939 \equiv 1 \pmod 3$
			T^4+6T+2	$3T^6+2T^5+3T^4+4T^3+4T^2+T+6$		$1891 \equiv 1 \pmod 3$
			T^4+6T+4	$3T^6+2T^5+3T^4+4T^3+3T^2+5T+5$		$1117 \equiv 1 \pmod 3$
			T^4+T^2+3	$3T^6+2T^5+6T^4+2T^3+5T^2+6T+2$		$2797 \equiv 1 \pmod 3$
			T^4+T^2+6	$3T^6+2T^5+6T^4+2T^3+5T+4$		$2119 \equiv 1 \pmod 3$
			T^4+T^2+T+1	$3T^6+2T^5+6T^4+5T^3+T^2+5T+3$		$1483 \equiv 1 \pmod 3$
		$3T^2+2T+4$	T^4+T+1	$3T^6+2T^5+4T^4+3T^3+5T^2+6T+4$		$1807 \equiv 1 \pmod 3$
			T^4+T+2	$3T^6+2T^5+4T^4+3T^3+T^2+T+1$		$3052 \equiv 1 \pmod 3$
			T^4+T+4	$3T^6+2T^5+4T^4+3T^3+5T+2$		$8269 \equiv 1 \pmod 3$
			T^4+2T+3	$3T^6+2T^5+4T^4+6T^3+6T^2+5$		$784 \equiv 1 \pmod 3$
			T^4+2T+5	$3T^6+2T^5+4T^4+6T^3+5T^2+4T+6$		$2797 \equiv 1 \pmod 3$
			T^4+2T+6	$3T^6+2T^5+4T^4+6T^3+T^2+6T+3$		$1267 \equiv 1 \pmod 3$
			T^4+5T+3	$3T^6+2T^5+4T^4+T^3+5T^2+5T+5$		$1117 \equiv 1 \pmod 3$
			T^4+5T+5	$3T^6+2T^5+4T^4+T^3+4T^2+2T+6$		$3748 \equiv 1 \pmod 3$
			T^4+5T+6	$3T^6+2T^5+4T^4+T^3+4T+3$		$2107 \equiv 1 \pmod 3$
			T^4+6T+1	$3T^6+2T^5+4T^4+4T^3+T^2+5T+4$		$1483 \equiv 1 \pmod 3$
			T^4+6T+2	$3T^6+2T^5+4T^4+4T^3+4T^2+1$		$4963 \equiv 1 \pmod 3$
			T^4+6T+4	$3T^6+2T^5+4T^4+4T^3+3T^2+4T+2$		$1216 \equiv 1 \pmod 3$
			T^4+T^2+3	$3T^6+2T^5+2T^3+6T^2+6T+5$		$1267 \equiv 1 \pmod 3$
			T^4+T^2+6	$3T^6+2T^5+2T^3+T^2+5T+3$		$1117 \equiv 1 \pmod 3$
			T^4+T^2+T+1	$3T^6+2T^5+5T^3+2T^2+6T+4$		$1648 \equiv 1 \pmod 3$
		$3T^2+3T+2$	T^4+T+1	$3T^6+3T^5+2T^4+3T^3+6T^2+5T+2$		$1216 \equiv 1 \pmod 3$
			T^4+T+2	$3T^6+3T^5+2T^4+3T^3+2T^2+T+4$		$1483 \equiv 1 \pmod 3$
			T^4+T+4	$3T^6+3T^5+2T^4+3T^3+T^2+1$		$4963 \equiv 1 \pmod 3$
			T^4+2T+3	$3T^6+3T^5+2T^4+6T^3+T^2+6T+6$		$3748 \equiv 1 \pmod 3$

Table 10. Divisor class numbers of Kummer extensions with $\ell = 3, t = 2$ (Cont'd)

q	δ	$P_1(T)$	$P_2(T)$	$Q(T)$	g	h_K
7	6	$3T^2+3T+2$	T^4+2T+5	$3T^6+3T^5+2T^4+6T^3+5T+3$	4	$2107 \equiv 1 \pmod 3$
			T^4+2T+6	$3T^6+3T^5+2T^4+6T^3+3T^2+T+5$		$1117 \equiv 1 \pmod 3$
			T^4+5T+3	$3T^6+3T^5+2T^4+T^3+3T^2+5T+6$		$2797 \equiv 1 \pmod 3$
			T^4+5T+5	$3T^6+3T^5+2T^4+T^3+2T^2+4T+3$		$1267 \equiv 1 \pmod 3$
			T^4+5T+6	$3T^6+3T^5+2T^4+T^3+5T^2+5$		$784 \equiv 1 \pmod 3$
			T^4+6T+1	$3T^6+3T^5+2T^4+4T^3+T+2$		$8269 \equiv 1 \pmod 3$
			T^4+6T+2	$3T^6+3T^5+2T^4+4T^3+3T^2+4T+4$		$1807 \equiv 1 \pmod 3$
			T^4+6T+4	$3T^6+3T^5+2T^4+4T^3+2T^2+3T+1$		$3052 \equiv 1 \pmod 3$
			T^4+T^2+3	$3T^6+3T^5+5T^4+3T^3+4T^2+2T+6$		$1807 \equiv 1 \pmod 3$
			T^4+T^2+6	$3T^6+3T^5+5T^4+3T^3+6T^2+4T+5$		$2284 \equiv 1 \pmod 3$
			T^4+T^2+T+1	$3T^6+3T^5+5T^4+6T^3+T^2+5T+2$		$976 \equiv 1 \pmod 3$
		$3T^2+3T+4$	T^4+T+1	$3T^6+3T^5+4T^4+3T^3+6T^2+4$		$976 \equiv 1 \pmod 3$
			T^4+T+2	$3T^6+3T^5+4T^4+3T^3+2T^2+3T+1$		$4783 \equiv 1 \pmod 3$
			T^4+T+4	$3T^6+3T^5+4T^4+3T^3+T^2+2T+2$		$1807 \equiv 1 \pmod 3$
			T^4+2T+3	$3T^6+3T^5+4T^4+6T^3+T^2+3T+5$		$1939 \equiv 1 \pmod 3$
			T^4+2T+5	$3T^6+3T^5+4T^4+6T^3+2T+6$		$1204 \equiv 1 \pmod 3$
			T^4+2T+6	$3T^6+3T^5+4T^4+6T^3+3T^2+5T+3$		$1648 \equiv 1 \pmod 3$
			T^4+5T+3	$3T^6+3T^5+4T^4+T^3+3T^2+T+5$		$4963 \equiv 1 \pmod 3$
			T^4+5T+5	$3T^6+3T^5+4T^4+T^3+2T^2+6$		$2593 \equiv 1 \pmod 3$
			T^4+5T+6	$3T^6+3T^5+4T^4+T^3+5T^2+3T+3$		$3748 \equiv 1 \pmod 3$
			T^4+6T+1	$3T^6+3T^5+4T^4+4T^3+6T+4$		$3052 \equiv 1 \pmod 3$
			T^4+6T+2	$3T^6+3T^5+4T^4+4T^3+3T^2+2T+1$		$2797 \equiv 1 \pmod 3$
			T^4+6T+4	$3T^6+3T^5+4T^4+4T^3+2T^2+T+2$		$784 \equiv 1 \pmod 3$
			T^4+T^2+3	$3T^6+3T^5+3T^3+6T^2+2T+5$		$2797 \equiv 1 \pmod 3$
			T^4+T^2+6	$3T^6+3T^5+3T^3+T^2+4T+3$		$1057 \equiv 1 \pmod 3$
			T^4+T^2+T+1	$3T^6+3T^5+6T^3+3T^2+4$		$2611 \equiv 1 \pmod 3$
		$3T^2+3T+5$	T^4+T+1	$3T^6+3T^5+5T^4+3T^3+6T^2+T+5$		$1117 \equiv 1 \pmod 3$
			T^4+T+2	$3T^6+3T^5+5T^4+3T^3+2T^2+4T+3$		$1939 \equiv 1 \pmod 3$
			T^4+T+4	$3T^6+3T^5+5T^4+3T^3+T^2+3T+6$		$1891 \equiv 1 \pmod 3$
			T^4+2T+3	$3T^6+3T^5+5T^4+6T^3+T^2+5T+1$		$2317 \equiv 1 \pmod 3$
			T^4+2T+5	$3T^6+3T^5+5T^4+6T^3+4T+4$		$3913 \equiv 1 \pmod 3$
			T^4+2T+6	$3T^6+3T^5+5T^4+6T^3+3T^2+2$		$1939 \equiv 1 \pmod 3$
			T^4+5T+3	$3T^6+3T^5+5T^4+T^3+3T^2+6T+1$		$5308 \equiv 1 \pmod 3$
			T^4+5T+5	$3T^6+3T^5+5T^4+T^3+2T^2+5T+4$		$1084 \equiv 1 \pmod 3$
			T^4+5T+6	$3T^6+3T^5+5T^4+T^3+5T^2+T+2$		$2716 \equiv 1 \pmod 3$
			T^4+6T+1	$3T^6+3T^5+5T^4+4T^3+5T+5$		$1552 \equiv 1 \pmod 3$
			T^4+6T+2	$3T^6+3T^5+5T^4+4T^3+3T^2+T+3$		$2107 \equiv 1 \pmod 3$
			T^4+6T+4	$3T^6+3T^5+5T^4+4T^3+2T^2+6$		$2353 \equiv 1 \pmod 3$
			T^4+T^2+3	$3T^6+3T^5+T^4+3T^3+2T+1$		$2881 \equiv 1 \pmod 3$
			T^4+T^2+6	$3T^6+3T^5+T^4+3T^3+2T^2+4T+2$		$1117 \equiv 1 \pmod 3$
			T^4+T^2+T+1	$3T^6+3T^5+T^4+6T^3+4T^2+T+5$		$1648 \equiv 1 \pmod 3$
		$3T^2+4T+2$	T^4+T+1	$3T^6+4T^5+2T^4+3T^3+6T+2$		$8269 \equiv 1 \pmod 3$
			T^4+T+2	$3T^6+4T^5+2T^4+3T^3+3T^2+3T+4$		$1807 \equiv 1 \pmod 3$
			T^4+T+4	$3T^6+4T^5+2T^4+3T^3+2T^2+4T+1$		$3052 \equiv 1 \pmod 3$
			T^4+2T+3	$3T^6+4T^5+2T^4+6T^3+3T^2+2T+6$		$2797 \equiv 1 \pmod 3$
			T^4+2T+5	$3T^6+4T^5+2T^4+6T^3+2T^2+3T+3$		$1267 \equiv 1 \pmod 3$
			T^4+2T+6	$3T^6+4T^5+2T^4+6T^3+5T^2+5$		$784 \equiv 1 \pmod 3$
			T^4+5T+3	$3T^6+4T^5+2T^4+T^3+T^2+T+6$		$3748 \equiv 1 \pmod 3$
			T^4+5T+5	$3T^6+4T^5+2T^4+T^3+2T+3$		$2107 \equiv 1 \pmod 3$
			T^4+5T+6	$3T^6+4T^5+2T^4+T^3+3T^2+6T+5$		$1117 \equiv 1 \pmod 3$
			T^4+6T+1	$3T^6+4T^5+2T^4+4T^3+6T^2+2T+2$		$1216 \equiv 1 \pmod 3$
			T^4+6T+2	$3T^6+4T^5+2T^4+4T^3+2T^2+6T+4$		$1483 \equiv 1 \pmod 3$
			T^4+6T+4	$3T^6+4T^5+2T^4+4T^3+T^2+1$		$4963 \equiv 1 \pmod 3$
			T^4+T^2+3	$3T^6+4T^5+5T^4+4T^3+4T^2+5T+6$		$1807 \equiv 1 \pmod 3$
			T^4+T^2+6	$3T^6+4T^5+5T^4+4T^3+6T^2+3T+5$		$2284 \equiv 1 \pmod 3$
			T^4+T^2+T+1	$3T^6+4T^5+5T^4+2T^2+6T+2$		$1033 \equiv 1 \pmod 3$
		$3T^2+4T+4$	T^4+T+1	$3T^6+4T^5+4T^4+3T^3+T+4$		$3052 \equiv 1 \pmod 3$
			T^4+T+2	$3T^6+4T^5+4T^4+3T^3+3T^2+5T+1$		$2797 \equiv 1 \pmod 3$
			T^4+T+4	$3T^6+4T^5+4T^4+3T^3+2T^2+6T+2$		$784 \equiv 1 \pmod 3$
			T^4+2T+3	$3T^6+4T^5+4T^4+6T^3+3T^2+6T+5$		$4963 \equiv 1 \pmod 3$
			T^4+2T+5	$3T^6+4T^5+4T^4+6T^3+2T^2+6$		$2593 \equiv 1 \pmod 3$
			T^4+2T+6	$3T^6+4T^5+4T^4+6T^3+5T^2+4T+3$		$3748 \equiv 1 \pmod 3$
			T^4+5T+3	$3T^6+4T^5+4T^4+T^3+T^2+4T+5$		$1939 \equiv 1 \pmod 3$
			T^4+5T+5	$3T^6+4T^5+4T^4+T^3+5T+6$		$1204 \equiv 1 \pmod 3$

Table 10. Divisor class numbers of Kummer extensions with $\ell = 3, t = 2$ (Cont'd)

q	δ	$P_1(T)$	$P_2(T)$	$Q(T)$	g	h_K
7	6	$3T^2+4T+4$	T^4+5T+6	$3T^6+4T^5+4T^4+T^3+3T^2+2T+3$	4	$1648 \equiv 1 \pmod 3$
			T^4+6T+1	$3T^6+4T^5+4T^4+4T^3+6T^2+4$		$976 \equiv 1 \pmod 3$
			T^4+6T+2	$3T^6+4T^5+4T^4+4T^3+2T^2+4T+1$		$4783 \equiv 1 \pmod 3$
			T^4+6T+4	$3T^6+4T^5+4T^4+4T^3+T^2+5T+2$		$1807 \equiv 1 \pmod 3$
			T^4+T^2+3	$3T^6+4T^5+4T^3+6T^2+5T+5$		$2797 \equiv 1 \pmod 3$
			T^4+T^2+6	$3T^6+4T^5+4T^3+T^2+3T+3$		$1057 \equiv 1 \pmod 3$
			T^4+T^2+T+1	$3T^6+4T^5+4T^2+T+4$		$2593 \equiv 1 \pmod 3$
		$3T^2+4T+5$	T^4+T+1	$3T^6+4T^5+5T^4+3T^3+2T+5$		$1552 \equiv 1 \pmod 3$
			T^4+T+2	$3T^6+4T^5+5T^4+3T^3+3T^2+6T+3$		$2107 \equiv 1 \pmod 3$
			T^4+T+4	$3T^6+4T^5+5T^4+3T^3+2T^2+6$		$2353 \equiv 1 \pmod 3$
			T^4+2T+3	$3T^6+4T^5+5T^4+6T^3+3T^2+T+1$		$5308 \equiv 1 \pmod 3$
			T^4+2T+5	$3T^6+4T^5+5T^4+6T^3+2T^2+2T+4$		$1084 \equiv 1 \pmod 3$
			T^4+2T+6	$3T^6+4T^5+5T^4+6T^3+5T^2+6T+2$		$2716 \equiv 1 \pmod 3$
			T^4+5T+3	$3T^6+4T^5+5T^4+T^3+T^2+2T+1$		$2317 \equiv 1 \pmod 3$
			T^4+5T+5	$3T^6+4T^5+5T^4+T^3+3T+4$		$3913 \equiv 1 \pmod 3$
			T^4+5T+6	$3T^6+4T^5+5T^4+T^3+3T^2+2$		$1939 \equiv 1 \pmod 3$
			T^4+6T+1	$3T^6+4T^5+5T^4+4T^3+6T^2+6T+5$		$1117 \equiv 1 \pmod 3$
			T^4+6T+2	$3T^6+4T^5+5T^4+4T^3+2T^2+3T+3$		$1939 \equiv 1 \pmod 3$
			T^4+6T+4	$3T^6+4T^5+5T^4+4T^3+T^2+4T+6$		$1891 \equiv 1 \pmod 3$
			T^4+T^2+3	$3T^6+4T^5+T^4+4T^3+5T+1$		$2881 \equiv 1 \pmod 3$
			T^4+T^2+6	$3T^6+4T^5+T^4+4T^3+2T^2+3T+2$		$1117 \equiv 1 \pmod 3$
			T^4+T^2+T+1	$3T^6+4T^5+T^4+5T^2+2T+5$		$4783 \equiv 1 \pmod 3$
		$3T^2+5T+1$	T^4+T+1	$3T^6+5T^5+T^4+3T^3+T^2+6T+1$		$4783 \equiv 1 \pmod 3$
			T^4+T+2	$3T^6+5T^5+T^4+3T^3+4T^2+4T+2$		$1807 \equiv 1 \pmod 3$
			T^4+T+4	$3T^6+5T^5+T^4+3T^3+3T^2+4$		$976 \equiv 1 \pmod 3$
			T^4+2T+3	$3T^6+5T^5+T^4+6T^3+5T^2+3T+3$		$1648 \equiv 1 \pmod 3$
			T^4+2T+5	$3T^6+5T^5+T^4+6T^3+4T^2+6T+5$		$1939 \equiv 1 \pmod 3$
			T^4+2T+6	$3T^6+5T^5+T^4+6T^3+4T+6$		$1204 \equiv 1 \pmod 3$
			T^4+5T+3	$3T^6+5T^5+T^4+T^3+6T^2+6T+3$		$3748 \equiv 1 \pmod 3$
			T^4+5T+5	$3T^6+5T^5+T^4+T^3+5T^2+2T+5$		$4963 \equiv 1 \pmod 3$
			T^4+5T+6	$3T^6+5T^5+T^4+T^3+T^2+6$		$2593 \equiv 1 \pmod 3$
			T^4+6T+1	$3T^6+5T^5+T^4+4T^3+5T^2+4T+1$		$2797 \equiv 1 \pmod 3$
			T^4+6T+2	$3T^6+5T^5+T^4+4T^3+T^2+2T+2$		$784 \equiv 1 \pmod 3$
			T^4+6T+4	$3T^6+5T^5+T^4+4T^3+5T+4$		$3052 \equiv 1 \pmod 3$
			T^4+T^2+3	$3T^6+5T^5+4T^4+5T^3+3T^2+T+3$		$1231 \equiv 1 \pmod 3$
			T^4+T^2+6	$3T^6+5T^5+4T^4+5T^3+5T^2+2T+6$		$3571 \equiv 1 \pmod 3$
			T^4+T^2+T+1	$3T^6+5T^5+4T^4+T^3+2T^2+6T+1$		$3724 \equiv 1 \pmod 3$
		$3T^2+5T+3$	T^4+T+1	$3T^6+5T^5+3T^4+3T^3+T^2+T+3$		$1939 \equiv 1 \pmod 3$
			T^4+T+2	$3T^6+5T^5+3T^4+3T^3+4T^2+6T+6$		$1891 \equiv 1 \pmod 3$
			T^4+T+4	$3T^6+5T^5+3T^4+3T^3+3T^2+2T+5$		$1117 \equiv 1 \pmod 3$
			T^4+2T+3	$3T^6+5T^5+3T^4+6T^3+5T^2+2$		$1939 \equiv 1 \pmod 3$
			T^4+2T+5	$3T^6+5T^5+3T^4+6T^3+4T^2+3T+1$		$2317 \equiv 1 \pmod 3$
			T^4+2T+6	$3T^6+5T^5+3T^4+6T^3+T+4$		$3913 \equiv 1 \pmod 3$
			T^4+5T+3	$3T^6+5T^5+3T^4+T^3+6T^2+2T+2$		$2716 \equiv 1 \pmod 3$
			T^4+5T+5	$3T^6+5T^5+3T^4+T^3+5T^2+5T+1$		$5308 \equiv 1 \pmod 3$
			T^4+5T+6	$3T^6+5T^5+3T^4+T^3+T^2+3T+4$		$1084 \equiv 1 \pmod 3$
			T^4+6T+1	$3T^6+5T^5+3T^4+4T^3+5T^2+2T+3$		$2107 \equiv 1 \pmod 3$
			T^4+6T+2	$3T^6+5T^5+3T^4+4T^3+T^2+6$		$2353 \equiv 1 \pmod 3$
			T^4+6T+4	$3T^6+5T^5+3T^4+4T^3+3T+5$		$1552 \equiv 1 \pmod 3$
			T^4+T^2+3	$3T^6+5T^5+6T^4+5T^3+5T^2+T+2$		$2797 \equiv 1 \pmod 3$
			T^4+T^2+6	$3T^6+5T^5+6T^4+5T^3+2T+4$		$2119 \equiv 1 \pmod 3$
			T^4+T^2+T+1	$3T^6+5T^5+6T^4+T^3+4T^2+T+3$		$1117 \equiv 1 \pmod 3$
		$3T^2+5T+4$	T^4+T+1	$3T^6+5T^5+4T^4+3T^3+T^2+2T+4$		$1483 \equiv 1 \pmod 3$
			T^4+T+2	$3T^6+5T^5+4T^4+3T^3+4T^2+1$		$4963 \equiv 1 \pmod 3$
			T^4+T+4	$3T^6+5T^5+4T^4+3T^3+3T^2+3T+2$		$1216 \equiv 1 \pmod 3$
			T^4+2T+3	$3T^6+5T^5+4T^4+6T^3+5T^2+2T+5$		$1117 \equiv 1 \pmod 3$
			T^4+2T+5	$3T^6+5T^5+4T^4+6T^3+4T^2+5T+6$		$3748 \equiv 1 \pmod 3$
			T^4+2T+6	$3T^6+5T^5+4T^4+6T^3+3T+3$		$2107 \equiv 1 \pmod 3$
			T^4+5T+3	$3T^6+5T^5+4T^4+T^3+6T^2+5$		$784 \equiv 1 \pmod 3$
			T^4+5T+5	$3T^6+5T^5+4T^4+T^3+5T^2+3T+6$		$2797 \equiv 1 \pmod 3$
			T^4+5T+6	$3T^6+5T^5+4T^4+T^3+T^2+T+3$		$1267 \equiv 1 \pmod 3$
			T^4+6T+1	$3T^6+5T^5+4T^4+4T^3+5T^2+T+4$		$1807 \equiv 1 \pmod 3$
			T^4+6T+2	$3T^6+5T^5+4T^4+4T^3+T^2+6T+1$		$3052 \equiv 1 \pmod 3$
			T^4+6T+4	$3T^6+5T^5+4T^4+4T^3+2T+2$		$8269 \equiv 1 \pmod 3$

Table 10. Divisor class numbers of Kummer extensions with $\ell = 3, t = 2$ (Cont'd)

q	δ	$P_1(T)$	$P_2(T)$	$Q(T)$	g	h_K
7	6	$3T^2+5T+4$	T^4+T^2+3	$3T^6+5T^5+5T^3+6T^2+T+5$	4	$1267 \equiv 1 \pmod 3$
			T^4+T^2+6	$3T^6+5T^5+5T^3+T^2+2T+3$		$1117 \equiv 1 \pmod 3$
			T^4+T^2+T+1	$3T^6+5T^5+T^3+5T^2+2T+4$		$2191 \equiv 1 \pmod 3$
		$3T^2+6T+1$	T^4+T+1	$3T^6+6T^5+T^4+3T^3+2T^2+1$		$4963 \equiv 1 \pmod 3$
			T^4+T+2	$3T^6+6T^5+T^4+3T^3+5T^2+6T+2$		$1216 \equiv 1 \pmod 3$
			T^4+T+4	$3T^6+6T^5+T^4+3T^3+4T^2+4T+4$		$1483 \equiv 1 \pmod 3$
			T^4+2T+3	$3T^6+6T^5+T^4+6T^3+6T+3$		$2107 \equiv 1 \pmod 3$
			T^4+2T+5	$3T^6+6T^5+T^4+6T^3+6T^2+4T+5$		$1117 \equiv 1 \pmod 3$
			T^4+2T+6	$3T^6+6T^5+T^4+6T^3+2T^2+3T+6$		$3748 \equiv 1 \pmod 3$
			T^4+5T+3	$3T^6+6T^5+T^4+T^3+4T^2+2T+3$		$1267 \equiv 1 \pmod 3$
			T^4+5T+5	$3T^6+6T^5+T^4+T^3+3T^2+5$		$784 \equiv 1 \pmod 3$
			T^4+5T+6	$3T^6+6T^5+T^4+T^3+6T^2+6T+6$		$2797 \equiv 1 \pmod 3$
			T^4+6T+1	$3T^6+6T^5+T^4+4T^3+4T^2+5T+1$		$3052 \equiv 1 \pmod 3$
			T^4+6T+2	$3T^6+6T^5+T^4+4T^3+4T+2$		$8269 \equiv 1 \pmod 3$
			T^4+6T+4	$3T^6+6T^5+T^4+4T^3+6T^2+2T+4$		$1807 \equiv 1 \pmod 3$
			T^4+T^2+3	$3T^6+6T^5+4T^4+6T^3+3T^2+4T+3$		$4783 \equiv 1 \pmod 3$
			T^4+T^2+6	$3T^6+6T^5+4T^4+6T^3+5T^2+T+6$		$4303 \equiv 1 \pmod 3$
			T^4+T^2+T+1	$3T^6+6T^5+4T^4+2T^3+3T^2+1$		$1147 \equiv 1 \pmod 3$
		$3T^2+6T+2$	T^4+T+1	$3T^6+6T^5+2T^4+3T^3+2T^2+T+2$		$1807 \equiv 1 \pmod 3$
			T^4+T+2	$3T^6+6T^5+2T^4+3T^3+5T^2+4$		$976 \equiv 1 \pmod 3$
			T^4+T+4	$3T^6+6T^5+2T^4+3T^3+4T^2+5T+1$		$4783 \equiv 1 \pmod 3$
			T^4+2T+3	$3T^6+6T^5+2T^4+6T^3+T+6$		$1204 \equiv 1 \pmod 3$
			T^4+2T+5	$3T^6+6T^5+2T^4+6T^3+6T^2+6T+3$		$1648 \equiv 1 \pmod 3$
			T^4+2T+6	$3T^6+6T^5+2T^4+6T^3+2T^2+5T+5$		$1939 \equiv 1 \pmod 3$
			T^4+5T+3	$3T^6+6T^5+2T^4+T^3+4T^2+6$		$2593 \equiv 1 \pmod 3$
			T^4+5T+5	$3T^6+6T^5+2T^4+T^3+3T^2+5T+3$		$3748 \equiv 1 \pmod 3$
			T^4+5T+6	$3T^6+6T^5+2T^4+T^3+6T^2+4T+5$		$4963 \equiv 1 \pmod 3$
			T^4+6T+1	$3T^6+6T^5+2T^4+4T^3+4T^2+4T+2$		$784 \equiv 1 \pmod 3$
			T^4+6T+2	$3T^6+6T^5+2T^4+4T^3+3T+4$		$3052 \equiv 1 \pmod 3$
			T^4+6T+4	$3T^6+6T^5+2T^4+4T^3+6T^2+T+1$		$2797 \equiv 1 \pmod 3$
			T^4+T^2+3	$3T^6+6T^5+5T^4+6T^3+4T^2+4T+6$		$2716 \equiv 1 \pmod 3$
			T^4+T^2+6	$3T^6+6T^5+5T^4+6T^3+6T^2+T+5$		$1483 \equiv 1 \pmod 3$
			T^4+T^2+T+1	$3T^6+6T^5+5T^4+2T^3+4T^2+T+2$		$1324 \equiv 1 \pmod 3$
		$3T^2+6T+6$	T^4+T+1	$3T^6+6T^5+6T^4+3T^3+2T^2+5T+6$		$1891 \equiv 1 \pmod 3$
			T^4+T+2	$3T^6+6T^5+6T^4+3T^3+5T^2+4T+5$		$1117 \equiv 1 \pmod 3$
			T^4+T+4	$3T^6+6T^5+6T^4+3T^3+4T^2+2T+3$		$1939 \equiv 1 \pmod 3$
			T^4+2T+3	$3T^6+6T^5+6T^4+6T^3+2T+4$		$3913 \equiv 1 \pmod 3$
			T^4+2T+5	$3T^6+6T^5+6T^4+6T^3+6T^2+2$		$1939 \equiv 1 \pmod 3$
			T^4+2T+6	$3T^6+6T^5+6T^4+6T^3+2T^2+6T+1$		$2317 \equiv 1 \pmod 3$
			T^4+5T+3	$3T^6+6T^5+6T^4+T^3+4T^2+6T+4$		$1084 \equiv 1 \pmod 3$
			T^4+5T+5	$3T^6+6T^5+6T^4+T^3+3T^2+4T+2$		$2716 \equiv 1 \pmod 3$
			T^4+5T+6	$3T^6+6T^5+6T^4+T^3+6T^2+3T+1$		$5308 \equiv 1 \pmod 3$
			T^4+6T+1	$3T^6+6T^5+6T^4+4T^3+4T^2+6$		$2353 \equiv 1 \pmod 3$
			T^4+6T+2	$3T^6+6T^5+6T^4+4T^3+6T+5$		$1552 \equiv 1 \pmod 3$
			T^4+6T+4	$3T^6+6T^5+6T^4+4T^3+6T^2+4T+3$		$2107 \equiv 1 \pmod 3$
			T^4+T^2+3	$3T^6+6T^5+2T^4+6T^3+T^2+4T+4$		$1204 \equiv 1 \pmod 3$
			T^4+T^2+6	$3T^6+6T^5+2T^4+6T^3+3T^2+T+1$		$1648 \equiv 1 \pmod 3$
			T^4+T^2+T+1	$3T^6+6T^5+2T^4+2T^3+T^2+5T+6$		$3052 \equiv 1 \pmod 3$

TABLE 11. Divisor class numbers of Kummer extensions with $\ell = 5, t = 2$

q	δ	$P_1(T)$	$P_2(T)$	$Q(T)$	g	h_K
11	5	$3T^3 + 9T^2 + 7T + 6$	$6T^2 + 3T + 9$	$7T^5 + 8T^4 + 8T^3 + 6T^2 + 4T + 10$	6	$2252681 \equiv 1 \pmod 5$
			$6T^2 + 5T + 9$	$7T^5 + 3T^4 + 4T^3 + 9T^2 + 5T + 10$		$1080451 \equiv 1 \pmod 5$
			$6T^2 + 3T + 6$	$7T^5 + 8T^4 + 10T^3 + T^2 + 5T + 3$		$1583671 \equiv 1 \pmod 5$
			$6T^2 + 7T + 7$	$7T^5 + 9T^4 + 5T^3 + 5T^2 + 3T + 9$		$977801 \equiv 1 \pmod 5$
			$6T^2 + 6T + 2$	$7T^5 + 6T^4 + 3T^3 + 8T^2 + 6T + 1$		$4166896 \equiv 1 \pmod 5$
			$6T^2 + 9T + 4$	$7T^5 + 4T^4 + 3T^3 + 3T^2 + 5T + 2$		$556001 \equiv 1 \pmod 5$
			$6T^2 + 6T + 3$	$7T^5 + 6T^4 + 6T^3 + 6T^2 + 2T + 7$		$1593281 \equiv 1 \pmod 5$
			$6T^2 + T + 5$	$7T^5 + 2T^4 + 8T + 8$		$977801 \equiv 1 \pmod 5$
			$6T^2 + 10T + 5$	$7T^5 + 7T^4 + 4T^3 + 8T^2 + 7T + 8$		$977801 \equiv 1 \pmod 5$
			$6T^2 + 6T + 4$	$7T^5 + 6T^4 + 9T^3 + 4T^2 + 9T + 2$		$1578541 \equiv 1 \pmod 5$
			$6T^2 + 9T + 10$	$7T^5 + 4T^4 + 10T^3 + 2T^2 + 3T + 5$		$834641 \equiv 1 \pmod 5$
			$6T^2 + 3T + 5$	$7T^5 + 8T^4 + 7T^3 + 3T^2 + 9T + 8$		$787856 \equiv 1 \pmod 5$
			$6T^2 + 3T + 6$	$7T^5 + 8T^4 + 10T^3 + T^2 + 5T + 3$		$1583671 \equiv 1 \pmod 5$
			$6T^2 + 2T + 9$	$7T^5 + 5T^4 + 10T^3 + 10T^2 + 9T + 10$		$6693961 \equiv 1 \pmod 5$
			$6T^2 + 9T + 8$	$7T^5 + 4T^4 + 4T^3 + 6T^2 + 4$		$1138471 \equiv 1 \pmod 5$
		$3T^3 + T^2 + T + 1$	$6T^2 + 3T + 9$	$7T^5 + 4T^4 + 3T^3 + 7T^2 + T + 9$		$1016656 \equiv 1 \pmod 5$
			$6T^2 + 5T + 9$	$7T^5 + 10T^4 + 5T^3 + 9T^2 + 3T + 9$		$1889801 \equiv 1 \pmod 5$
			$6T^2 + 3T + 6$	$7T^5 + 4T^4 + 5T^3 + 4T^2 + 9T + 6$		$826601 \equiv 1 \pmod 5$
			$6T^2 + 7T + 7$	$7T^5 + 5T^4 + T^3 + 9T^2 + 3T + 7$		$2252681 \equiv 1 \pmod 5$
			$6T^2 + 6T + 2$	$7T^5 + 2T^4 + 7T^3 + 3T^2 + 8T + 2$		$787856 \equiv 1 \pmod 5$
			$6T^2 + 9T + 4$	$7T^5 + 5T^3 + 8T^2 + 2T + 4$		$1467301 \equiv 1 \pmod 5$
			$6T^2 + 6T + 3$	$7T^5 + 2T^4 + 10T^3 + 4T^2 + 9T + 3$		$1314851 \equiv 1 \pmod 5$
			$6T^2 + T + 5$	$7T^5 + 9T^4 + T^2 + 6T + 5$		$571981 \equiv 1 \pmod 5$
			$6T^2 + 10T + 5$	$7T^5 + 3T^4 + 9T^3 + 10T^2 + 4T + 5$		$2252681 \equiv 1 \pmod 5$
			$6T^2 + 6T + 4$	$7T^5 + 2T^4 + 2T^3 + 5T^2 + 10T + 4$		$1476961 \equiv 1 \pmod 5$
			$6T^2 + 9T + 10$	$7T^5 + T^3 + 3T^2 + 8T + 10$		$4024621 \equiv 1 \pmod 5$
			$6T^2 + 3T + 5$	$7T^5 + 4T^4 + 2T^3 + 3T^2 + 8T + 5$		$2590121 \equiv 1 \pmod 5$
			$6T^2 + 3T + 6$	$7T^5 + 4T^4 + 5T^3 + 4T^2 + 9T + 6$		$826601 \equiv 1 \pmod 5$
			$6T^2 + 2T + 9$	$7T^5 + T^4 + 2T^3 + 6T^2 + 9$		$1593281 \equiv 1 \pmod 5$
			$6T^2 + 9T + 8$	$7T^5 + 6T^3 + T^2 + 6T + 8$		$2386736 \equiv 1 \pmod 5$
		$3T^3 + 10T^2 + 7T + 3$	$6T^2 + 3T + 9$	$7T^5 + 3T^4 + 8T^2 + 6T + 5$		$776941 \equiv 1 \pmod 5$
			$6T^2 + 5T + 9$	$7T^5 + 9T^4 + 9T^3 + T + 5$		$556001 \equiv 1 \pmod 5$
			$6T^2 + 3T + 6$	$7T^5 + 3T^4 + 2T^3 + 7T + 7$		$1314851 \equiv 1 \pmod 5$
			$6T^2 + 7T + 7$	$7T^5 + 4T^4 + T^3 + 5T^2 + 4T + 10$		$867691 \equiv 1 \pmod 5$
			$6T^2 + 6T + 2$	$7T^5 + T^4 + 9T^3 + 3T^2 + 10T + 6$		$931691 \equiv 1 \pmod 5$
			$6T^2 + 9T + 4$	$7T^5 + 10T^4 + T^3 + 1$		$1019191 \equiv 1 \pmod 5$
			$6T^2 + 6T + 3$	$7T^5 + T^4 + T^3 + 2T^2 + 6T + 9$		$1512016 \equiv 1 \pmod 5$
			$6T^2 + T + 5$	$7T^5 + 8T^4 + T^3 + 9T^2 + 5T + 4$		$4148191 \equiv 1 \pmod 5$
			$6T^2 + 10T + 5$	$7T^5 + 2T^4 + 3T^3 + 6T^2 + 10T + 4$		$4148191 \equiv 1 \pmod 5$
			$6T^2 + 6T + 4$	$7T^5 + T^4 + 4T^3 + T^2 + 2T + 1$		$1406416 \equiv 1 \pmod 5$
			$6T^2 + 9T + 10$	$7T^5 + 10T^4 + 8T^3 + 5T^2 + 9T + 8$		$2331421 \equiv 1 \pmod 5$
			$6T^2 + 3T + 5$	$7T^5 + 3T^4 + 10T^3 + T^2 + 4$		$829351 \equiv 1 \pmod 5$
			$6T^2 + 3T + 6$	$7T^5 + 3T^4 + 2T^3 + 7T + 7$		$1314851 \equiv 1 \pmod 5$
			$6T^2 + 2T + 9$	$7T^5 + T^3 + T^2 + 3T + 5$		$826601 \equiv 1 \pmod 5$
			$6T^2 + 9T + 8$	$7T^5 + 10T^4 + 2T^3 + 7T^2 + 6T + 2$		$787856 \equiv 1 \pmod 5$
		$3T^3 + T^2 + 7T + 3$	$6T^2 + 3T + 9$	$7T^5 + 4T^4 + 6T^3 + 4T^2 + 6T + 5$		$2875136 \equiv 1 \pmod 5$
			$6T^2 + 5T + 9$	$7T^5 + 10T^4 + 8T^3 + 7T^2 + T + 5$		$1080451 \equiv 1 \pmod 5$
			$6T^2 + 3T + 6$	$7T^5 + 4T^4 + 8T^3 + T^2 + 7T + 7$		$6693961 \equiv 1 \pmod 5$
			$6T^2 + 7T + 7$	$7T^5 + 5T^4 + 4T^3 + 8T^2 + 4T + 10$		$4487536 \equiv 1 \pmod 5$
			$6T^2 + 6T + 2$	$7T^5 + 2T^4 + 10T^3 + 7T^2 + 10T + 6$		$4060691 \equiv 1 \pmod 5$
			$6T^2 + 9T + 4$	$7T^5 + 8T^3 + 8T^2 + 1$		$2216401 \equiv 1 \pmod 5$
			$6T^2 + 6T + 3$	$7T^5 + 2T^4 + 2T^3 + 8T^2 + 6T + 9$		$1360741 \equiv 1 \pmod 5$
			$6T^2 + T + 5$	$7T^5 + 9T^4 + 3T^3 + 8T^2 + 5T + 4$		$2355421 \equiv 1 \pmod 5$
			$6T^2 + 10T + 5$	$7T^5 + 3T^4 + T^3 + 5T^2 + 10T + 4$		$608891 \equiv 1 \pmod 5$
			$6T^2 + 6T + 4$	$7T^5 + 2T^4 + 5T^3 + 9T^2 + 2T + 1$		$1787701 \equiv 1 \pmod 5$
			$6T^2 + 9T + 10$	$7T^5 + 4T^3 + 3T^2 + 9T + 8$		$2331421 \equiv 1 \pmod 5$
			$6T^2 + 3T + 5$	$7T^5 + 4T^4 + 5T^3 + 4$		$1284811 \equiv 1 \pmod 5$
			$6T^2 + 3T + 6$	$7T^5 + 4T^4 + 8T^3 + T^2 + 7T + 7$		$6693961 \equiv 1 \pmod 5$
			$6T^2 + 2T + 9$	$7T^5 + T^4 + 5T^3 + 8T^2 + 3T + 5$		$1314851 \equiv 1 \pmod 5$
			$6T^2 + 9T + 8$	$7T^5 + 9T^3 + T^2 + 6T + 2$		$1025776 \equiv 1 \pmod 5$
		$3T^3 + 3T^2 + 4$	$6T^2 + 3T + 9$	$7T^5 + 5T^4 + 3T^3 + 7T^2 + T + 3$		$1593281 \equiv 1 \pmod 5$
			$6T^2 + 5T + 9$	$7T^5 + 9T^3 + 7T^2 + 9T + 3$		$766481 \equiv 1 \pmod 5$
			$6T^2 + 3T + 6$	$7T^5 + 5T^4 + 5T^3 + 9T^2 + T + 2$		$1025776 \equiv 1 \pmod 5$

Table 11. Divisor class numbers of Kummer extensions with $\ell = 5, t = 2$ (Cont'd)

q	δ	$P_1(T)$	$P_2(T)$	$Q(T)$	g	h_K
11	5	$3T^3 + 3T^2 + 4$	$6T^2 + 7T + 7$	$7T^5 + 6T^4 + 9T^3 + T^2 + 6T + 6$	6	$1512016 \equiv 1 \pmod 5$
			$6T^2 + 6T + 2$	$7T^5 + 3T^4 + 2T^3 + 8T^2 + 2T + 8$		$725741 \equiv 1 \pmod 5$
			$6T^2 + 9T + 4$	$7T^5 + T^4 + 6T^3 + 3T^2 + 3T + 5$		$1476961 \equiv 1 \pmod 5$
			$6T^2 + 6T + 3$	$7T^5 + 3T^4 + 5T^3 + 2T + 1$		$4166896 \equiv 1 \pmod 5$
			$6T^2 + T + 5$	$7T^5 + 10T^4 + 7T^3 + 6T^2 + 4T + 9$		$1314851 \equiv 1 \pmod 5$
			$6T^2 + 10T + 5$	$7T^5 + 4T^4 + T^3 + 6T^2 + 7T + 9$		$1512016 \equiv 1 \pmod 5$
			$6T^2 + 6T + 4$	$7T^5 + 3T^4 + 8T^3 + 3T^2 + 2T + 5$		$571981 \equiv 1 \pmod 5$
			$6T^2 + 9T + 10$	$7T^5 + T^4 + 2T^3 + 10T^2 + 3T + 7$		$2684881 \equiv 1 \pmod 5$
			$6T^2 + 3T + 5$	$7T^5 + 5T^4 + 2T^3 + 6T^2 + T + 9$		$1019191 \equiv 1 \pmod 5$
			$6T^2 + 3T + 6$	$7T^5 + 5T^4 + 5T^3 + 9T^2 + T + 2$		$1025776 \equiv 1 \pmod 5$
			$6T^2 + 2T + 9$	$7T^5 + 2T^4 + 7T^2 + 8T + 3$		$2386736 \equiv 1 \pmod 5$
			$6T^2 + 9T + 8$	$7T^5 + T^4 + 7T^3 + 4T^2 + 3T + 10$		$2216401 \equiv 1 \pmod 5$
		$3T^3 + 8T^2 + 8T + 2$	$6T^2 + 3T + 9$	$7T^5 + 2T^4 + 9T^2 + T + 7$		$867691 \equiv 1 \pmod 5$
			$6T^2 + 5T + 9$	$7T^5 + 8T^4 + 5T^3 + 3T^2 + 5T + 7$		$1019191 \equiv 1 \pmod 5$
			$6T^2 + 3T + 6$	$7T^5 + 2T^4 + 2T^3 + 7T^2 + 10T + 1$		$2634391 \equiv 1 \pmod 5$
			$6T^2 + 7T + 7$	$7T^5 + 3T^4 + 4T^3 + 3T^2 + 4T + 3$		$977801 \equiv 1 \pmod 5$
			$6T^2 + 6T + 2$	$7T^5 + 3T^3 + 10T^2 + 6T + 4$		$787856 \equiv 1 \pmod 5$
			$6T^2 + 9T + 4$	$7T^5 + 9T^4 + 6T^2 + 6T + 8$		$1929001 \equiv 1 \pmod 5$
			$6T^2 + 6T + 3$	$7T^5 + 6T^3 + 7T^2 + 3T + 6$		$1314851 \equiv 1 \pmod 5$
			$6T^2 + T + 5$	$7T^5 + 7T^4 + 5T^3 + 5T^2 + 9T + 10$		$9604496 \equiv 1 \pmod 5$
			$6T^2 + 10T + 5$	$7T^5 + T^4 + 5T + 10$		$4148191 \equiv 1 \pmod 5$
			$6T^2 + 6T + 4$	$7T^5 + 9T^3 + 4T^2 + 8$		$1476961 \equiv 1 \pmod 5$
			$6T^2 + 9T + 10$	$7T^5 + 9T^4 + 7T^3 + 10T^2 + 10T + 9$		$766481 \equiv 1 \pmod 5$
			$6T^2 + 3T + 5$	$7T^5 + 2T^4 + 10T^3 + 10T^2 + 2T + 10$		$2386736 \equiv 1 \pmod 5$
			$6T^2 + 3T + 6$	$7T^5 + 2T^4 + 2T^3 + 7T^2 + 10T + 1$		$2634391 \equiv 1 \pmod 5$
			$6T^2 + 2T + 9$	$7T^5 + 10T^4 + 3T^3 + T^2 + 10T + 7$		$1512016 \equiv 1 \pmod 5$
			$6T^2 + 9T + 8$	$7T^5 + 9T^4 + T^3 + 5T^2 + 5T + 5$		$2590121 \equiv 1 \pmod 5$
		$3T^3 + T^2 + 6T + 5$	$6T^2 + 3T + 9$	$7T^5 + 4T^4 + 2T^2 + 3T + 1$		$1929001 \equiv 1 \pmod 5$
			$6T^2 + 5T + 9$	$7T^5 + 10T^4 + 2T^3 + 3T^2 + 2T + 1$		$2634391 \equiv 1 \pmod 5$
			$6T^2 + 3T + 6$	$7T^5 + 4T^4 + 2T^3 + 10T^2 + 7T + 8$		$1458256 \equiv 1 \pmod 5$
			$6T^2 + 7T + 7$	$7T^5 + 5T^4 + 9T^3 + 2T^2 + 2$		$2240701 \equiv 1 \pmod 5$
			$6T^2 + 6T + 2$	$7T^5 + 2T^4 + 4T^3 + 2T^2 + 9T + 10$		$2355421 \equiv 1 \pmod 5$
			$6T^2 + 9T + 4$	$7T^5 + 2T^3 + 3T + 9$		$1279696 \equiv 1 \pmod 5$
			$6T^2 + 6T + 3$	$7T^5 + 2T^4 + 7T^3 + 3T^2 + 4T + 4$		$834641 \equiv 1 \pmod 5$
			$6T^2 + T + 5$	$7T^5 + 9T^4 + 8T^3 + 8T^2 + 2T + 3$		$1019191 \equiv 1 \pmod 5$
			$6T^2 + 10T + 5$	$7T^5 + 3T^4 + 6T^3 + 7T^2 + 3T + 3$		$1997881 \equiv 1 \pmod 5$
			$6T^2 + 6T + 4$	$7T^5 + 2T^4 + 10T^3 + 4T^2 + 10T + 9$		$1138471 \equiv 1 \pmod 5$
			$6T^2 + 9T + 10$	$7T^5 + 9T^3 + 6T^2 + 6T + 6$		$4060691 \equiv 1 \pmod 5$
			$6T^2 + 3T + 5$	$7T^5 + 4T^4 + 10T^3 + 9T^2 + T + 3$		$977801 \equiv 1 \pmod 5$
			$6T^2 + 3T + 6$	$7T^5 + 4T^4 + 2T^3 + 10T^2 + 7T + 8$		$1458256 \equiv 1 \pmod 5$
			$6T^2 + 2T + 9$	$7T^5 + T^4 + 10T^3 + 7T^2 + 9T + 1$		$834641 \equiv 1 \pmod 5$
			$6T^2 + 9T + 8$	$7T^5 + 3T^3 + 4T^2 + 5T + 7$		$608891 \equiv 1 \pmod 5$
		$3T^3 + T^2 + 4$	$6T^2 + 3T + 9$	$7T^5 + 4T^4 + 8T^3 + T + 3$		$1297616 \equiv 1 \pmod 5$
			$6T^2 + 5T + 9$	$7T^5 + 10T^4 + 10T^3 + 9T + 3$		$4194661 \equiv 1 \pmod 5$
			$6T^2 + 3T + 6$	$7T^5 + 4T^4 + 10T^3 + 8T^2 + T + 2$		$4148191 \equiv 1 \pmod 5$
			$6T^2 + 7T + 7$	$7T^5 + 5T^4 + 6T^3 + 9T^2 + 6T + 6$		$1476961 \equiv 1 \pmod 5$
			$6T^2 + 6T + 2$	$7T^5 + 2T^4 + T^3 + 4T^2 + 2T + 8$		$1314851 \equiv 1 \pmod 5$
			$6T^2 + 9T + 4$	$7T^5 + 10T^3 + 6T^2 + 3T + 5$		$1025776 \equiv 1 \pmod 5$
			$6T^2 + 6T + 3$	$7T^5 + 2T^4 + 4T^3 + 5T^2 + 2T + 1$		$9604496 \equiv 1 \pmod 5$
			$6T^2 + T + 5$	$7T^5 + 9T^4 + 5T^3 + 7T^2 + 4T + 9$		$766481 \equiv 1 \pmod 5$
			$6T^2 + 10T + 5$	$7T^5 + 3T^4 + 3T^3 + 7T^2 + 7T + 9$		$1406416 \equiv 1 \pmod 5$
			$6T^2 + 6T + 4$	$7T^5 + 2T^4 + 7T^3 + 6T^2 + 2T + 5$		$653351 \equiv 1 \pmod 5$
			$6T^2 + 9T + 10$	$7T^5 + 6T^3 + T^2 + 3T + 7$		$1019191 \equiv 1 \pmod 5$
			$6T^2 + 3T + 5$	$7T^5 + 4T^4 + 7T^3 + 7T^2 + T + 9$		$1512016 \equiv 1 \pmod 5$
			$6T^2 + 3T + 6$	$7T^5 + 4T^4 + 10T^3 + 8T^2 + T + 2$		$4148191 \equiv 1 \pmod 5$
			$6T^2 + 2T + 9$	$7T^5 + T^4 + 7T^3 + 8T + 3$		$867691 \equiv 1 \pmod 5$
			$6T^2 + 9T + 8$	$7T^5 + 10T^2 + 3T + 10$		$1593281 \equiv 1 \pmod 5$
		$3T^3 + 7T + 7$	$6T^2 + 3T + 9$	$7T^5 + 9T^4 + 3T^3 + 8T^2 + 7T + 8$		$931691 \equiv 1 \pmod 5$
			$6T^2 + 5T + 9$	$7T^5 + 4T^4 + 3T^3 + 10T + 8$		$4487536 \equiv 1 \pmod 5$
			$6T^2 + 3T + 6$	$7T^5 + 9T^4 + 5T^3 + 8T^2 + 8T + 9$		$556001 \equiv 1 \pmod 5$
			$6T^2 + 7T + 7$	$7T^5 + 10T^4 + 8T^3 + 3T^2 + 10T + 5$		$2590121 \equiv 1 \pmod 5$
			$6T^2 + 6T + 2$	$7T^5 + 7T^4 + 4T^3 + 7T^2 + T + 3$		$997981 \equiv 1 \pmod 5$
			$6T^2 + 9T + 4$	$7T^5 + 5T^4 + 10T^3 + 6T^2 + 3T + 6$		$776941 \equiv 1 \pmod 5$
			$6T^2 + 6T + 3$	$7T^5 + 7T^4 + 7T^3 + 7T^2 + 8T + 10$		$725741 \equiv 1 \pmod 5$

Table 11. Divisor class numbers of Kummer extensions with $\ell = 5, t = 2$ (Cont'd)

q	δ	$P_1(T)$	$P_2(T)$	$Q(T)$	g	h_K
11	5	$3T^3 + 7T + 7$	$6T^2 + T + 5$	$7T^5 + 3T^4 + 2T^3 + 5T^2 + 9T + 2$	6	$829351 \equiv 1 \pmod 5$
			$6T^2 + 10T + 5$	$7T^5 + 8T^4 + 2T^3 + 2T^2 + 6T + 2$		$1025776 \equiv 1 \pmod 5$
			$6T^2 + 6T + 4$	$7T^5 + 7T^4 + 10T^3 + 7T^2 + 4T + 6$		$6693961 \equiv 1 \pmod 5$
			$6T^2 + 9T + 10$	$7T^5 + 5T^4 + 6T^3 + 6T^2 + T + 4$		$1314851 \equiv 1 \pmod 5$
			$6T^2 + 3T + 5$	$7T^5 + 9T^4 + 2T^3 + 8T^2 + T + 2$		$1578541 \equiv 1 \pmod 5$
			$6T^2 + 3T + 6$	$7T^5 + 9T^4 + 5T^3 + 8T^2 + 8T + 9$		$556001 \equiv 1 \pmod 5$
			$6T^2 + 2T + 9$	$7T^5 + 6T^4 + 3T^3 + T^2 + 8$		$1019191 \equiv 1 \pmod 5$
			$6T^2 + 9T + 8$	$7T^5 + 5T^4 + 6T^2 + 9T + 1$		$3634081 \equiv 1 \pmod 5$
		$3T^3 + 4T^2 + 5T + 9$	$6T^2 + 3T + 9$	$7T^5 + 3T^3 + 6T^2 + 6T + 4$		$1467301 \equiv 1 \pmod 5$
			$6T^2 + 5T + 9$	$7T^5 + 6T^4 + 5T^2 + 2T + 4$		$1512016 \equiv 1 \pmod 5$
			$6T^2 + 3T + 6$	$7T^5 + 5T^3 + 5T^2 + 2T + 10$		$4024621 \equiv 1 \pmod 5$
			$6T^2 + 7T + 7$	$7T^5 + T^4 + 2T^3 + 7T^2 + 10T + 8$		$2240701 \equiv 1 \pmod 5$
			$6T^2 + 6T + 2$	$7T^5 + 9T^4 + 5T^3 + 4T^2 + 9T + 7$		$2252681 \equiv 1 \pmod 5$
			$6T^2 + 9T + 4$	$7T^5 + 7T^4 + T^3 + 5T^2 + 2T + 3$		$550331 \equiv 1 \pmod 5$
			$6T^2 + 6T + 3$	$7T^5 + 9T^4 + 8T^3 + 8T^2 + 3T + 5$		$1787701 \equiv 1 \pmod 5$
			$6T^2 + T + 5$	$7T^5 + 5T^4 + 5T^3 + 2T^2 + T + 1$		$1929001 \equiv 1 \pmod 5$
			$6T^2 + 10T + 5$	$7T^5 + 10T^4 + 8T^3 + 3T^2 + 5T + 1$		$2216401 \equiv 1 \pmod 5$
			$6T^2 + 6T + 4$	$7T^5 + 9T^4 + T^2 + 8T + 3$		$1025776 \equiv 1 \pmod 5$
			$6T^2 + 9T + 10$	$7T^5 + 7T^4 + 8T^3 + 7T^2 + 10T + 2$		$4194661 \equiv 1 \pmod 5$
			$6T^2 + 3T + 5$	$7T^5 + 2T^3 + T^2 + 8T + 1$		$867691 \equiv 1 \pmod 5$
			$6T^2 + 3T + 6$	$7T^5 + 5T^3 + 5T^2 + 2T + 10$		$4024621 \equiv 1 \pmod 5$
			$6T^2 + 2T + 9$	$7T^5 + 8T^4 + 10T^3 + T^2 + 8T + 4$		$1476961 \equiv 1 \pmod 5$
			$6T^2 + 9T + 8$	$7T^5 + 7T^4 + 2T^3 + 10T^2 + 6$		$977801 \equiv 1 \pmod 5$
		$3T^3 + 7T^2 + 9T + 4$	$6T^2 + 3T + 9$	$7T^5 + 7T^4 + 3T^3 + 4T^2 + 5T + 3$		$6693961 \equiv 1 \pmod 5$
			$6T^2 + 5T + 9$	$7T^5 + 2T^4 + 6T^3 + 2T + 3$		$5399041 \equiv 1 \pmod 5$
			$6T^2 + 3T + 6$	$7T^5 + 7T^4 + 5T^3 + 5T^2 + 2$		$1284811 \equiv 1 \pmod 5$
			$6T^2 + 7T + 7$	$7T^5 + 8T^4 + 3T^3 + 4T^2 + 3T + 6$		$1360741 \equiv 1 \pmod 5$
			$6T^2 + 6T + 2$	$7T^5 + 5T^4 + 3T^3 + 4T^2 + 9T + 8$		$1019191 \equiv 1 \pmod 5$
			$6T^2 + 9T + 4$	$7T^5 + 3T^4 + 8T^3 + T^2 + 6T + 5$		$3634081 \equiv 1 \pmod 5$
			$6T^2 + 6T + 3$	$7T^5 + 5T^4 + 6T^3 + 7T + 1$		$787856 \equiv 1 \pmod 5$
			$6T^2 + T + 5$	$7T^5 + T^4 + 10T^3 + 2T^2 + 5T + 9$		$1314851 \equiv 1 \pmod 5$
			$6T^2 + 10T + 5$	$7T^5 + 6T^4 + 7T^3 + 6T^2 + 8T + 9$		$5603471 \equiv 1 \pmod 5$
			$6T^2 + 6T + 4$	$7T^5 + 5T^4 + 9T^3 + 7T^2 + 5T + 5$		$2875136 \equiv 1 \pmod 5$
			$6T^2 + 9T + 10$	$7T^5 + 3T^4 + 4T^3 + 10T^2 + 5T + 7$		$776941 \equiv 1 \pmod 5$
			$6T^2 + 3T + 5$	$7T^5 + 7T^4 + 2T^3 + 9T^2 + 2T + 9$		$725741 \equiv 1 \pmod 5$
			$6T^2 + 3T + 6$	$7T^5 + 7T^4 + 5T^3 + 5T^2 + 2$		$1284811 \equiv 1 \pmod 5$
			$6T^2 + 2T + 9$	$7T^5 + 4T^4 + 7T^3 + 6T^2 + T + 3$		$931691 \equiv 1 \pmod 5$
			$6T^2 + 9T + 8$	$7T^5 + 3T^4 + 9T^3 + 7T^2 + 9T + 10$		$1997881 \equiv 1 \pmod 5$
		$3T^3 + 4T^2 + 9T + 7$	$6T^2 + 3T + 9$	$7T^5 + 5T^3 + 6T^2 + 3T + 8$		$1593281 \equiv 1 \pmod 5$
			$6T^2 + 5T + 9$	$7T^5 + 6T^4 + 2T^3 + 2T^2 + 6T + 8$		$2331421 \equiv 1 \pmod 5$
			$6T^2 + 3T + 6$	$7T^5 + 7T^3 + 5T^2 + 9T + 9$		$931691 \equiv 1 \pmod 5$
			$6T^2 + 7T + 7$	$7T^5 + T^4 + 4T^3 + T^2 + 2T + 5$		$826601 \equiv 1 \pmod 5$
			$6T^2 + 6T + 2$	$7T^5 + 9T^4 + 7T^3 + 5T^2 + 5T + 3$		$590951 \equiv 1 \pmod 5$
			$6T^2 + 9T + 4$	$7T^5 + 7T^4 + 3T^3 + 7T^2 + 6$		$1406416 \equiv 1 \pmod 5$
			$6T^2 + 6T + 3$	$7T^5 + 9T^4 + 10T^3 + 9T^2 + 3T + 10$		$2590121 \equiv 1 \pmod 5$
			$6T^2 + T + 5$	$7T^5 + 5T^4 + 7T^3 + 5T^2 + 8T + 2$		$5603471 \equiv 1 \pmod 5$
			$6T^2 + 10T + 5$	$7T^5 + 10T^4 + 10T^3 + 9T^2 + 5T + 2$		$1314851 \equiv 1 \pmod 5$
			$6T^2 + 6T + 4$	$7T^5 + 9T^4 + 2T^3 + 2T^2 + T + 6$		$608891 \equiv 1 \pmod 5$
			$6T^2 + 9T + 10$	$7T^5 + 7T^4 + 10T^3 + 9T^2 + 10T + 4$		$867691 \equiv 1 \pmod 5$
			$6T^2 + 3T + 5$	$7T^5 + 4T^3 + T^2 + 2$		$556001 \equiv 1 \pmod 5$
			$6T^2 + 3T + 6$	$7T^5 + 7T^3 + 5T^2 + 9T + 9$		$931691 \equiv 1 \pmod 5$
			$6T^2 + 2T + 9$	$7T^5 + 8T^4 + T^3 + 8T^2 + 7T + 8$		$829351 \equiv 1 \pmod 5$
			$6T^2 + 9T + 8$	$7T^5 + 7T^4 + 4T^3 + T^2 + 3T + 1$		$1080451 \equiv 1 \pmod 5$
		$3T^3 + 8T^2 + 5T + 4$	$6T^2 + 3T + 9$	$7T^5 + 2T^4 + 4T^3 + T^2 + 2T + 3$		$1284811 \equiv 1 \pmod 5$
			$6T^2 + 5T + 9$	$7T^5 + 8T^4 + 9T^3 + 10T + 3$		$867691 \equiv 1 \pmod 5$
			$6T^2 + 3T + 6$	$7T^5 + 2T^4 + 6T^3 + 10T^2 + 9T + 2$		$1929001 \equiv 1 \pmod 5$
			$6T^2 + 7T + 7$	$7T^5 + 3T^4 + 8T^3 + 5T^2 + 8T + 6$		$1025776 \equiv 1 \pmod 5$
			$6T^2 + 6T + 2$	$7T^5 + 7T^3 + 4T^2 + T + 8$		$1672016 \equiv 1 \pmod 5$
			$6T^2 + 9T + 4$	$7T^5 + 9T^4 + 4T^3 + 2T^2 + T + 5$		$2355421 \equiv 1 \pmod 5$
			$6T^2 + 6T + 3$	$7T^5 + 10T^3 + T^2 + 6T + 1$		$1997881 \equiv 1 \pmod 5$
			$6T^2 + T + 5$	$7T^5 + 7T^4 + 9T^3 + 3T^2 + 7T + 9$		$820451 \equiv 1 \pmod 5$
			$6T^2 + 10T + 5$	$7T^5 + T^4 + 4T^3 + 4T^2 + 10T + 9$		$787856 \equiv 1 \pmod 5$
			$6T^2 + 6T + 4$	$7T^5 + 2T^3 + 9T^2 + 5$		$1583671 \equiv 1 \pmod 5$
			$6T^2 + 9T + 10$	$7T^5 + 9T^4 + 6T^2 + 9T + 7$		$6693961 \equiv 1 \pmod 5$

Table 11. Divisor class numbers of Kummer extensions with $\ell = 5, t = 2$ (Cont'd)

q	δ	$P_1(T)$	$P_2(T)$	$Q(T)$	g	h_K
11	5	$3T^3 + 8T^2 + 5T + 4$	$6T^2 + 3T + 5$	$7T^5 + 2T^4 + 3T^3 + 2T^2 + 4T + 9$	6	$1458256 \equiv 1 \pmod 5$
			$6T^2 + 3T + 6$	$7T^5 + 2T^4 + 6T^3 + 10T^2 + 9T + 2$		$1929001 \equiv 1 \pmod 5$
			$6T^2 + 2T + 9$	$7T^5 + 10T^4 + 7T^3 + 7T^2 + 9T + 3$		$2579341 \equiv 1 \pmod 5$
			$6T^2 + 9T + 8$	$7T^5 + 9T^4 + 5T^3 + T^2 + 10T + 10$		$834641 \equiv 1 \pmod 5$
		$3T^3 + 10T^2 + 6T + 8$	$6T^2 + 3T + 9$	$7T^5 + 3T^4 + 5T^3 + 2T^2 + T + 6$		$834641 \equiv 1 \pmod 5$
			$6T^2 + 5T + 9$	$7T^5 + 9T^4 + 3T^3 + 3T^2 + 6T + 6$		$4166896 \equiv 1 \pmod 5$
			$6T^2 + 3T + 6$	$7T^5 + 3T^4 + 7T^3 + 5T^2 + 5T + 4$		$867691 \equiv 1 \pmod 5$
			$6T^2 + 7T + 7$	$7T^5 + 4T^4 + 6T^3 + 6T^2 + 10T + 1$		$4024621 \equiv 1 \pmod 5$
			$6T^2 + 6T + 2$	$7T^5 + T^4 + 3T^3 + 5T^2 + 5T + 5$		$1593281 \equiv 1 \pmod 5$
			$6T^2 + 9T + 4$	$7T^5 + 10T^4 + 6T^3 + 10T^2 + 8T + 10$		$1138471 \equiv 1 \pmod 5$
			$6T^2 + 6T + 3$	$7T^5 + T^4 + 6T^3 + 4T^2 + 2$		$1033831 \equiv 1 \pmod 5$
			$6T^2 + T + 5$	$7T^5 + 8T^4 + 6T^3 + 5T^2 + 5T + 7$		$997981 \equiv 1 \pmod 5$
			$6T^2 + 10T + 5$	$7T^5 + 2T^4 + 8T^3 + 4T^2 + 7$		$1578541 \equiv 1 \pmod 5$
			$6T^2 + 6T + 4$	$7T^5 + T^4 + 9T^3 + 3T^2 + 6T + 10$		$1997881 \equiv 1 \pmod 5$
			$6T^2 + 9T + 10$	$7T^5 + 10T^4 + 2T^3 + 4T^2 + 3$		$1929001 \equiv 1 \pmod 5$
			$6T^2 + 3T + 5$	$7T^5 + 3T^4 + 4T^3 + 6T^2 + 10T + 7$		$1314851 \equiv 1 \pmod 5$
			$6T^2 + 3T + 6$	$7T^5 + 3T^4 + 7T^3 + 5T^2 + 5T + 4$		$867691 \equiv 1 \pmod 5$
			$6T^2 + 2T + 9$	$7T^5 + 6T^3 + 7T^2 + 4T + 6$		$776941 \equiv 1 \pmod 5$
			$6T^2 + 9T + 8$	$7T^5 + 10T^4 + 7T^3 + 6T^2 + 10T + 9$		$2634391 \equiv 1 \pmod 5$
		$3T^3 + 4T^2 + 9T + 7$	$6T^2 + 3T + 9$	$7T^5 + 5T^3 + 6T^2 + 3T + 8$		$1593281 \equiv 1 \pmod 5$
			$6T^2 + 5T + 9$	$7T^5 + 6T^4 + 2T^3 + 2T^2 + 6T + 8$		$2331421 \equiv 1 \pmod 5$
			$6T^2 + 3T + 6$	$7T^5 + 7T^3 + 5T^2 + 9T + 9$		$931691 \equiv 1 \pmod 5$
			$6T^2 + 7T + 7$	$7T^5 + T^4 + 4T^3 + T^2 + 2T + 5$		$826601 \equiv 1 \pmod 5$
			$6T^2 + 6T + 2$	$7T^5 + 9T^4 + 7T^3 + 5T^2 + 5T + 3$		$590951 \equiv 1 \pmod 5$
			$6T^2 + 9T + 4$	$7T^5 + 7T^4 + 3T^3 + 7T^2 + 6$		$1406416 \equiv 1 \pmod 5$
			$6T^2 + 6T + 3$	$7T^5 + 9T^4 + 10T^3 + 9T^2 + 3T + 10$		$2590121 \equiv 1 \pmod 5$
			$6T^2 + T + 5$	$7T^5 + 5T^4 + 7T^3 + 5T^2 + 8T + 2$		$5603471 \equiv 1 \pmod 5$
			$6T^2 + 10T + 5$	$7T^5 + 10T^4 + 10T^3 + 9T^2 + 5T + 2$		$1314851 \equiv 1 \pmod 5$
			$6T^2 + 6T + 4$	$7T^5 + 9T^4 + 2T^3 + 2T^2 + T + 6$		$608891 \equiv 1 \pmod 5$
			$6T^2 + 9T + 10$	$7T^5 + 7T^4 + 10T^3 + 9T^2 + 10T + 4$		$867691 \equiv 1 \pmod 5$
			$6T^2 + 3T + 5$	$7T^5 + 4T^3 + T^2 + 2$		$556001 \equiv 1 \pmod 5$
			$6T^2 + 3T + 6$	$7T^5 + 7T^3 + 5T^2 + 9T + 9$		$931691 \equiv 1 \pmod 5$
			$6T^2 + 2T + 9$	$7T^5 + 8T^4 + T^3 + 8T^2 + 7T + 8$		$829351 \equiv 1 \pmod 5$
			$6T^2 + 9T + 8$	$7T^5 + 7T^4 + 4T^3 + T^2 + 3T + 1$		$1080451 \equiv 1 \pmod 5$

TABLE 12. Divisor class numbers of Kummer extensions K_n

ℓ	q	d	m	$P_0(T)$	$P_n(T)$	h_{K_n}
2	3	4	2	T^4+T+2	T^4+T+2	$4 \equiv 0 \pmod 2$
					T^8+T^2+2	$88 \equiv 0 \pmod 2$
					$T^{16}+T^4+2$	$7216 \equiv 0 \pmod 2$
					$T^{32}+T^8+2$	$50353248 \equiv 0 \pmod 2$
				T^4+2T+2	T^4+2T+2	$4 \equiv 0 \pmod 2$
					T^8+2T^2+2	$24 \equiv 0 \pmod 2$
					$T^{16}+2T^4+2$	$1968 \equiv 0 \pmod 2$
					$T^{32}+2T^8+2$	$14677344 \equiv 0 \pmod 2$
				T^4+T^2+2	T^4+T^2+2	$6 \equiv 0 \pmod 2$
					T^8+T^4+2	$84 \equiv 0 \pmod 2$
					$T^{16}+T^8+2$	$5544 \equiv 0 \pmod 2$
					$T^{32}+T^{16}+2$	$36024912 \equiv 0 \pmod 2$
				T^4+T^2+T+1	T^4+T^2+T+1	$6 \equiv 0 \pmod 2$
					$T^8+T^4+T^2+1$	$120 \equiv 0 \pmod 2$
					$T^{16}+T^8+T^4+1$	$15840 \equiv 0 \pmod 2$
					$T^{32}+T^{16}+T^8+1$	$104480640 \equiv 0 \pmod 2$
				T^4+T^2+2T+1	T^4+T^2+2T+1	$6 \equiv 0 \pmod 2$
					$T^8+T^4+2T^2+1$	$24 \equiv 0 \pmod 2$
					$T^{16}+T^8+2T^4+1$	$3168 \equiv 0 \pmod 2$
					$T^{32}+T^{16}+2T^8+1$	$20896128 \equiv 0 \pmod 2$
				T^4+2T^2+2	T^4+2T^2+2	$2 \equiv 0 \pmod 2$
					T^8+2T^4+2	$28 \equiv 0 \pmod 2$
					$T^{16}+2T^8+2$	$1848 \equiv 0 \pmod 2$
					$T^{32}+2T^{16}+2$	$12008304 \equiv 0 \pmod 2$
				T^4+T^3+2	T^4+T^3+2	$4 \equiv 0 \pmod 2$
					T^8+T^6+2	$88 \equiv 0 \pmod 2$
					$T^{16}+T^{12}+2$	$7216 \equiv 0 \pmod 2$
					$T^{32}+T^{24}+2$	$53816928 \equiv 0 \pmod 2$
				T^4+T^3+2T+1	T^4+T^3+2T+1	$4 \equiv 0 \pmod 2$
					$T^8+T^6+2T^2+1$	$32 \equiv 0 \pmod 2$
					$T^{16}+T^{12}+2T^4+1$	$4096 \equiv 0 \pmod 2$
					$T^{32}+T^{24}+2T^8+1$	$23658496 \equiv 0 \pmod 2$
				$T^4+T^3+T^2+1$	$T^4+T^3+T^2+1$	$6 \equiv 0 \pmod 2$
					$T^8+T^6+T^4+1$	$120 \equiv 0 \pmod 2$
					$T^{16}+T^{12}+T^8+1$	$15840 \equiv 0 \pmod 2$
					$T^{32}+T^{24}+T^{16}+1$	$104480640 \equiv 0 \pmod 2$
				$T^4+T^3+T^2+T+1$	$T^4+T^3+T^2+T+1$	$6 \equiv 0 \pmod 2$
					$T^8+T^6+T^4+T^2+1$	$48 \equiv 0 \pmod 2$
					$T^{16}+T^{12}+T^8+T^4+1$	$3840 \equiv 0 \pmod 2$
					$T^{32}+T^{24}+T^{16}+T^8+1$	$29736960 \equiv 0 \pmod 2$
				$T^4+T^3+T^2+2T+2$	$T^4+T^3+T^2+2T+2$	$6 \equiv 0 \pmod 2$
					$T^8+T^6+T^4+2T^2+2$	$60 \equiv 0 \pmod 2$
					$T^{16}+T^{12}+T^8+2T^4+2$	$7800 \equiv 0 \pmod 2$
					$T^{32}+T^{24}+T^{16}+2T^8+2$	$58172400 \equiv 0 \pmod 2$
				$T^4+T^3+2T^2+2T+2$	$T^4+T^3+2T^2+2T+2$	$2 \equiv 0 \pmod 2$
					$T^8+T^6+2T^4+2T^2+2$	$20 \equiv 0 \pmod 2$
					$T^{16}+T^{12}+2T^8+2T^4+2$	$2600 \equiv 0 \pmod 2$
					$T^{32}+T^{24}+2T^{16}+2T^8+2$	$19390800 \equiv 0 \pmod 2$
				T^4+2T^3+2	T^4+2T^3+2	$4 \equiv 0 \pmod 2$
					T^8+2T^6+2	$24 \equiv 0 \pmod 2$
					$T^{16}+2T^{12}+2$	$1968 \equiv 0 \pmod 2$
					$T^{32}+T^{24}+2$	$13732704 \equiv 0 \pmod 2$
				T^4+2T^3+T+1	T^4+2T^3+T+1	$4 \equiv 0 \pmod 2$
					$T^8+2T^6+T^2+1$	$24 \equiv 0 \pmod 2$

Table 12. Divisor class numbers of Kummer extensions K_n (Cont'd)

ℓ	q	d	m	$P_0(T)$	$P_n(T)$	h_{K_n}
2	3	4	2	T^4+2T^3+T+1	$T^{16}+2T^{12}+T^4+1$	$1968 \equiv 0 \pmod 2$
					$T^{32}+2T^{24}+T^8+1$	$13732704 \equiv 0 \pmod 2$
				$T^4+2T^3+T^2+1$	$T^4+2T^3+T^2+1$	$6 \equiv 0 \pmod 2$
					$T^8+2T^6+T^4+1$	$24 \equiv 0 \pmod 2$
					$T^{16}+2T^{12}+T^8+1$	$3168 \equiv 0 \pmod 2$
					$T^{32}+T^{24}+T^{16}+1$	$20896128 \equiv 0 \pmod 2$
				$T^4+2T^3+T^2+T+2$	$T^4+2T^3+T^2+T+2$	$6 \equiv 0 \pmod 2$
					$T^8+2T^6+T^4+T^2+2$	$60 \equiv 0 \pmod 2$
					$T^{16}+2T^{12}+T^8+T^4+2$	$7800 \equiv 0 \pmod 2$
					$T^{32}+2T^{24}+T^{16}+T^8+2$	$54428400 \equiv 0 \pmod 2$
	5			$T^4+2T^3+4T^2+T^2+4$	$T^8+2T^6+4T^4+T^2+4$	$160 \equiv 0 \pmod 2$
					$T^{16}+2T^{12}+4T^8+T^4+4$	$46720 \equiv 0 \pmod 2$
					$T^{32}+2T^{24}+4T^{16}+T^8+4$	$18259110400 \equiv 0 \pmod 2$
				T^4+T^2+4T+1	$T^8+T^4+4T^2+1$	$256 \equiv 0 \pmod 2$
					$T^{16}+T^8+4T^4+1$	$81920 \equiv 0 \pmod 2$
					$T^{32}+T^{16}+4T^8+1$	$29464985600 \equiv 0 \pmod 2$
				T^4+2	T^8+2	$52 \equiv 0 \pmod 2$
					$T^{16}+2$	$32552 \equiv 0 \pmod 2$
					$T^{32}+2$	$12715657552 \equiv 0 \pmod 2$
				T^4+2T^2+3	T^8+2T^4+3	$348 \equiv 0 \pmod 2$
					$T^{16}+2T^8+3$	$156600 \equiv 0 \pmod 2$
					$T^{32}+2T^{16}+3$	$61172031600 \equiv 0 \pmod 2$
				$T^4+2T^3+4T^2+3T+3$	$T^8+2T^6+4T^4+3T^2+3$	$60 \equiv 0 \pmod 2$
					$T^{16}+2T^{12}+4T^8+3T^4+3$	$44280 \equiv 0 \pmod 2$
					$T^{32}+2T^{24}+4T^{16}+3T^8+3$	$23535794160 \equiv 0 \pmod 2$
3	4	6	2	$T^6+T^3+\zeta$	$T^6+T^3+\zeta$	$84 \equiv 0 \pmod 3$
					$T^{12}+T^6+\zeta$	
					$T^{24}+T^{12}+\zeta$	
					$T^{48}+T^{24}+\zeta$	
				$T^6+\zeta T^3+\zeta$	$T^6+\zeta T^3+\zeta$	$1911 \equiv 0 \pmod 3$
					$T^{12}+\zeta T^6+\zeta$	
					$T^{24}+\zeta T^{12}+\zeta$	
					$T^{48}+\zeta T^{24}+\zeta$	
				$T^6+\zeta T^3+\zeta T^2+\zeta^2$	$T^6+\zeta T^3+\zeta T^2+\zeta^2$	$543 \equiv 0 \pmod 3$
					$T^{12}+\zeta T^6+\zeta T^4+\zeta^2$	
					$T^{24}+\zeta T^{12}+\zeta T^8+\zeta^2$	
					$T^{48}+\zeta T^{24}+\zeta T^{16}+\zeta^2$	
				$T^6+\zeta^2 T^3+\zeta^2 T^2+\zeta$	$T^6+\zeta^2 T^3+\zeta^2 T^2+\zeta$	
					$T^{12}+\zeta^2 T^6+\zeta^2 T^4+\zeta$	
					$T^{24}+\zeta^2 T^{12}+\zeta^2 T^8+\zeta$	
					$T^{48}+\zeta^2 T^{24}+\zeta^2 T^{16}+\zeta$	
				$T^6+\zeta T^5+\zeta T^3+\zeta T^2+1$	$T^6+\zeta T^5+\zeta T^3+\zeta T^2+1$	$399 \equiv 0 \pmod 3$
					$T^{12}+\zeta T^{10}+\zeta T^6+\zeta T^4+1$	
					$T^{24}+\zeta T^{20}+\zeta T^{12}+\zeta T^8+1$	
					$T^{48}+\zeta T^{40}+\zeta T^{24}+\zeta T^{16}+1$	