

(m, i)	$j_{m,i}(t)$
$(2, 1)$	$256 \frac{(t+1)^3}{t}$
$(3, 1)$	$27 \frac{(t+1)(t+9)^3}{t^3}$
$(4, 1)$	$-t^2 + 1728$
$(5, 1)$	$\frac{(t^4 - 12t^3 + 14t^2 + 12t + 1)^3}{t^5(t^2 - 11t - 1)}$
$(5, 2)$	$\frac{(t^4 + 228t^3 + 494t^2 - 228t + 1)^3}{t(t^2 - 11t - 1)^5}$
$(6, 1)$	$2^{10} 3^3 t^3 (1 - 4t^3)$
$(6, 2)$	$\frac{-27(t^2 - 9)^3(t^2 - 1)}{t^6}$
$(6, 3)$	$27 \frac{(t+1)(t+9)^3}{t^3}$
$(7, 1)$	$\frac{(t^2 - t + 1)^3(t^6 - 11t^5 + 30t^4 - 15t^3 - 10t^2 + 5t + 1)^3}{t^7(t-1)^7(t^3 - 8t^2 + 5t + 1)}$
$(7, 2)$	$\frac{(t^2 - t + 1)^3(t^6 + 229t^5 + 270t^4 - 1695t^3 + 1430t^2 - 235t + 1)^3}{t(t-1)(t^3 - 8t^2 + 5t + 1)^7}$
$(7, 3)$	$-\frac{(t^2 - 3t - 3)^3(t^2 - t + 1)^3(3t^2 - 9t + 5)^3(5t^2 - t - 1)^3}{(t^3 - 2t^2 - t + 1)(t^3 - t^2 - 2t + 1)^7}$
$(8, 1)$	$\frac{-4(t^2 + 2t - 2)^3(t^2 + 10t - 2)}{t^4}$
$(9, 1)$	$f_{9,1}(g_{9,1}(h_{9,1}(t)))$
$(9, 2)$	$f_{9,1}(g_{9,2}(h_{9,2}(t)))$
$(9, 3)$	$f_{9,1}(g_{9,3}(h_{9,3}(t)))$
$(9, 4)$	$\frac{3^7(t^2 - 1)^3(t^6 + 3t^5 + 6t^4 + t^3 - 3t^2 + 12t + 16)^3(2t^3 + 3t^2 - 3t - 5)}{(t^3 - 3t - 1)^9}$

TABLE II: j -invariants associated to maximal genus zero missing trace groups for $m < 10$ (see Table I for the definitions of $f_{m,i}(t)$, $g_{m,i}(t)$ and $h_{m,i}(t)$)

(m, i)	$j_{m,i}(t)$
$(10, 1)$	$\frac{(t^4 - 12t^3 + 14t^2 + 12t + 1)^3}{t^5(t^2 - 11t - 1)}$
$(10, 2)$	$\frac{(t^4 + 228t^3 + 494t^2 - 228t + 1)^3}{t(t^2 - 11t - 1)^5}$
$(10, 3)$	$f_{10,3}(g_{10,3}(t))$
$(12, 1)$	$-\frac{(t^2 - 27)(t^2 - 3)^3}{t^2}$
$(12, 2)$	$-\frac{(36t^2 - 27)(36t^2 - 3)^3}{36t^2}$
$(12, 3)$	$-\frac{(4t^2 - 27)(4t^2 - 3)^3}{4t^2}$
$(12, 4)$	$\frac{(27t^2 + 1)(243t^2 + 1)^3}{t^2}$
$(14, 1)$	$j_{7,1}(t)$
$(14, 2)$	$j_{7,2}(t)$
$(14, 3)$	$j_{7,3}(t)$
$(14, 4)$	$-\frac{(49t^4 - 1715t^2 + 2401)^3(49t^4 - 91t^2 + 49)}{823543t^{14}}$
$(14, 5)$	$f_{14,1}(g_{14,5}(t))$
$(14, 6)$	$f_{14,1}(g_{14,6}(t))$
$(14, 7)$	$f_{14,1}(g_{14,7}(t))$
$(28, 1)$	$-\frac{(49t^4 - 13t^2 + 1)(2401t^4 - 245t^2 + 1)^3}{t^2}$
$(28, 2)$	$f_{14,1}(g_{14,6}(t))$
$(28, 3)$	$f_{14,1}(g_{14,7}(t))$

TABLE III: j -invariants associated to maximal genus zero missing trace groups for $m \geq 10$ (see Table I for the definitions of $f_{m,i}(t)$, $g_{m,i}(t)$ and $h_{m,i}(t)$)