

(m, i)	$f_{m,i}(t)$	$g_{m,i}(t)$	$h_{m,i}(t)$
$(9, 1)$	$\frac{(t+3)^3(t+27)}{t}$	$\frac{729}{t^3-27}$	$\frac{-6(t^3-9t)}{t^3+9t^2-9t-9}$
$(9, 2)$		$t(t^2 + 9t + 27)$	$\frac{-3(t^3+9t^2-9t-9)}{t^3+3t^2-9t-3}$
$(9, 3)$		t^3	$\frac{3(t^3+3t^2-9t-3)}{t^3-3t^2-9t+3}$
$(10, 3)$	$t^3(t^2 + 5t + 40)$	$\frac{3t^6+12t^5+80t^4+50t^3-20t^2-8t+8}{(t-1)^2(t^2+3t+1)^2}$	
$(14, 1)$	$\frac{(49t^4+13t^2+1)(2401t^4+245t^2+1)^3}{t^2}$		
$(14, 2)$	$\frac{(49t^4+13t^2+1)(823543t^8+235298t^6+21609t^4+490t^2-1)}{-14t^8(2401t^4+245t^2+1)}$		
$(14, 5)$		$-\frac{t^3+546t^2-10003t-205807}{13t^3-777t^2-43414t+504259}$	
$(14, 6)$		$-\frac{4(t+2)(5t+33)(t+25)}{71t^3+357t^2-5243t-23513}$	
$(14, 7)$		$\frac{91t^3-42t^2-28t+8}{28t(t-2)(5t-2)}$	

TABLE I: Some auxiliary rational functions