$\frac{\frac{1}{7,3 \vdash (7,3,1)} A \qquad \frac{\frac{1}{2,1 \vdash (2,1,1)} A}{1^{2-1} = 1 \pmod{2} \vdash 2} R_2}{3^{(7-1)/2} \neq 1 \pmod{7} \vdash (7,3,2)} R_1$	$\frac{\frac{1}{3, 2 \vdash (3, 2, 1)} A \qquad \frac{\overline{2, 1 \vdash (2, 1, 1)} A}{1^{2-1} = 1 (\text{mod } 2) \vdash 2} R_2}{\frac{2^{(3-1)/2} \neq 1 (\text{mod } 3) \vdash (3, 2, 2)}{2^{3-1} = 1 (\text{mod } 3) \vdash 3} R_1}$	$ m R_2$
$3^{(7-1)/3} \neq 1 \pmod{7} \vdash (7, 3, 6)$		$ R_2$
$3^{7-1} = 1 \pmod{7} \vdash 7$		