

chrem_exists_a^{2,24}

$\forall r:\mathbb{N}^+, s:\{s':\mathbb{N}^+ \mid \text{CoPrime}(r,s')\}, a, b:\mathbb{Z}. \downarrow \exists x:\mathbb{Z}. ((x = a \bmod r) \ \& \ (x = b \bmod s))$