

## **quot\_ring\_car\_elim**<sup>13,42</sup>

$\forall r:\text{CRng}, a:\text{Ideal}(r)\{i\}, d:\text{detach\_fun}(|r|;a), u, v:|r|.$   
 $(u = v \in \text{Carrier}(r/d) \iff (\uparrow(d(u +r (-r(v)))))$