

## **rng\_all\_properties**<sup>13,42</sup>

$\forall r:\text{Rng.}$   
Assoc( $|r|;+r$ )  
& Ident( $|r|;+r;0$ )  
& Inverse( $|r|;+r;0;-r$ )  
& Assoc( $|r|;*$ )  
& Ident( $|r|;*;1$ )  
& BiLinear( $|r|;+r;*$ )  
& IsEqFun( $|r|;=b$ )