

ring_p^{13,42}

$\text{IsRing}(T; \text{plus}; \text{zero}; \text{neg}; \text{times}; \text{one})$

$\equiv_{\text{def}} \text{IsGroup}(T; \text{plus}; \text{zero}; \text{neg}) \ \& \ \text{IsMonoid}(T; \text{times}; \text{one}) \ \& \ \text{BiLinear}(T; \text{plus}; \text{times})$