

rng_sum_unroll_hi^{11,40}

$\forall r:\text{Rng}, i, j:\mathbb{Z}.$

$(i < j)$

$\Rightarrow (\forall E: (\{i..j\} \rightarrow |r|)).$

$(\Sigma(r) i \leq k < j. E(k)) = ((\Sigma(r) i \leq k < j - 1. E(k)) +r E(j - 1)) \in |r|)$