

rng_sum_shift^{11,40}

$\forall r:\text{Rng}, a, b:\mathbb{Z}.$

$(a \leq b)$

$\Rightarrow (\forall E:(\{a..b\} \rightarrow |r|), k:\mathbb{Z}. (\Sigma(r) a \leq j < b. E(j)) = (\Sigma(r) a+k \leq j < b+k. E(j - k)) \in |r|)$