

## binomial<sup>11,40</sup>

$\forall r:\text{CRng}, a, b:|r|, n:\mathbb{N}.$

$$((a +_r b) \uparrow_r n) = (\sum(r) 0 \leq i < n+1. \text{choose}(n;i) \cdot_r ((a \uparrow_r i) * (b \uparrow_r (n - i)))) \in |r|$$