

expectation-rv-disjoint^{11,40}

$\forall p:\text{FinProbSpace}, n:\mathbb{N}, X, Y:\text{RandomVariable}(p;n).$

$\text{rv-disjoint}(p;n;X;Y) \Rightarrow (\mathbb{E}(n;X * Y) = (\mathbb{E}(n;X) * \mathbb{E}(n;Y)) \in \mathbb{Q})$