

## itop\_split<sup>13,42</sup>

$\forall g: \text{IMonoid}, a, b, c: \mathbb{Z}.$

$(a \leq b)$

$\Rightarrow (b \leq c)$

$\Rightarrow (\forall E: (\{a..c\} \rightarrow |g|)).$

$\Pi(*,e) a \leq j < c. E(j) = (\Pi(*,e) a \leq j < b. E(j) * \Pi(*,e) b \leq j < c. E(j)) \in |g|$