mon_itop_split_el[13,42]

$\forall g$:IMonoid, a, b, c:$\mathbb{Z}$.
$(a \leq b)$
$\Rightarrow (b < c)$
$\Rightarrow (\forall E{:}(\{a..c^-\}\rightarrow|g|).$
$\quad (\Pi\ a \leq j < c.\ E(j)) = ((\Pi\ a \leq j < b.\ E(j)) * (E(b) * (\Pi\ b{+}1 \leq j < c.\ E(j)))) \in |g|)$

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http://www.nuprl.org/FDLcontent/p0_400045_/p78_52167_{mon_itop_split_el}.html