

d-sub-lemma1^{0,22}

$\forall D:\text{Dsys}, n:\mathbb{N}, L:(\text{Id} \rightarrow (\text{MsgA List})).$
 $(\forall loc:\text{Id}. (\forall A, B \in L(loc). A \Vdash B))$
 $\Rightarrow (\forall loc:\text{Id}. \|L(loc)\| = n)$
 $\Rightarrow (\forall m:\mathbb{N}_{<n}. D \subseteq \lambda loc. L(loc)[m] \Rightarrow D \subseteq \lambda loc. \oplus(L(loc)))$