Expression	Name	Say	Meaning
$\mathcal{P}$	Script P	Proposition	Something to be proved
$\mathcal{P}(a)$	Script P of a	Proposition about tree a	Something to be proved about abstract syntax tree a
$\mathcal{O}$	Script O	Operator	An operator that can be used in an AST
$\mathcal{O}(a)$	Script O of a	Operator of arity a	An operator of a given arity
$\mathcal{X}_s$	Script X sub s	Variable x of sort s	A variable x of sort s
$\{X_s\}_{s \in \mathcal{S}}$	Family	Set X of s	a sort-indexed family of disjoint finite sets X s of variables x of sort s