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Table of Notations

\mathbb{N} is the set of natural numbers, including zero, $\mathbb{N} = \{0, 1, 2, \dots\}$

$\{0, 1\}^*$ is the set of finite 0-1-strings, including the empty string

$$\varepsilon, \{0, 1\}^* = \{\varepsilon, 0, 1, 00, 01, 10, 11, 000, \dots\}$$

$$\{0, 1\}^+ = \{0, 1\}^* - \{\varepsilon\} = \{0, 1, 00, 01, 10, 11, 000, \dots\}$$

Notations defined in the text:

\neg	4	$Res^*(F)$	33, 89	$E(F)$	74
\vee	4	\exists	42	$[\]$	84, 142
\wedge	14	\forall	42	$\forall H$	92
\rightarrow	4	F^*	42	ANSWER	109
\leftrightarrow	4	$Free(F)$	43	$:-$	115
$\bigwedge_{i=1}^n$	5	$U_{\mathcal{A}}$	44	$?-$	116
$\bigvee_{i=1}^n$	5	$I_{\mathcal{A}}$	44	$\frac{\quad}{F}$	119
\mathcal{A}	5, 46	$f^{\mathcal{A}}$	44	\mathcal{S}_{proc}	126
$\overline{\mathcal{A}}$	5	$P^{\mathcal{A}}$	44	\mathcal{S}_{mod}	127
\models	9, 47	$x^{\mathcal{A}}$	44	Op_F	128
$\not\models$	9, 47	$\mathcal{A}_{[x/u]}$	46	Op_F^n	128
\equiv	14, 51	$[x/t]$	53	Fp_F	128
CNF	18	RPF	56	$\mathcal{S}_{fixpoint}$	129
DNF	19	ε	64	$[x y]$	142
\square	31	$Th(\mathcal{A})$	68	$!$	145
$Res(F)$	32, 89	$Cons(M)$	69	<i>not</i>	149, 150
$Res^n(F)$	33, 89	$D(F)$	70	<i>fail</i>	150

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