Universal Control

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Abstract.

1 Terms

1.1 Syntax

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\begin{array}{l} \mathbf{t} ::= \mathbf{x} \\ \mid \lambda(\mathbf{x} : t_1) \rightarrow t_2 \\ \mid t_1 \ t_2 \\ \mid \forall (x : t_1) \rightarrow t_2 \\ \mid t_1 \equiv t_2 \\ \mid \mathrm{refl} \\ \mid \mathrm{Level} \\ \mid 0 \\ \mid \omega \uparrow t_1 +_{\{t\}} t_2 \\ \mid \mathrm{suc} \ t \\ \mid t_1 \sqcup t_2 \\ \mid t_1 <_{\ell} t_2 \\ \mid <_{\ell} \ 1 \\ \mid <_{\ell} \ 2 \\ \mid <_{\ell} \ 3 \\ \mid \mathrm{Level}[t] \\ \mid t_1 \ ,_{\ell} \ t_2 \\ \mid \mathrm{proj}_{\ell} \ t \\ \mid \mathrm{proj}_{\ell} \ t \\ \mid \mathrm{Set} \ \varepsilon_0 + i \ \mathrm{for \ all} \ i \in \mathbb{N} \end{array}
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1.2 Typing