Foundations - type theory

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Contents

1 Deductive system

1.1 Contexts

Definition 0.1. We will note . for the empty context

Axiom 0.1. empty derivation : $rule\_empty\_derivation : \epsilon$ —— $empty\ context\ ctx$

Axiom 0.2. context extension : $rule\_context\_extension : context\_gamma \vdash var\_A : Type\_i$ —— $context\_$
$var\_A\ ctx, var\_x\ not\ in\ dom(context\_gamma)$