

$$\Gamma \vdash_{\Sigma, \Omega} t :: \textcolor{violet}{d} \ A$$

$$\Gamma \vdash \Sigma, \Omega \quad t :: A$$



Completeness

SOUNDNESS





Soundness

$$||\Gamma||_{{\Sigma},\Omega}t^d$$



Declaration

Moode

$|$ Γ $|$ \vdash Σ, Ω t



Bidirectional

Type

Synthesis

$$\Gamma \vdash_{\Sigma, \Omega} t :: {}^d A$$

$$\vdash_{\Sigma, \Omega} t : A$$

$$|\Gamma| \vdash_{\Sigma, \Omega} t^d$$