

$\text{Unc}(\mathbf{d}) : \text{Int}(\mathbf{F})^{\text{op}} \times \text{Int}(\mathbf{R}) \xrightarrow{\text{Pos}} \mathbf{Bool}$

$\langle [f_L, f_U]^*, [r_L, r_U] \rangle \mapsto \mathbf{d}(f_L^*, r_L) \wedge \mathbf{d}(f_U^*, r_U).$