

Example : Polymorphic Identity Function

$$\emptyset \vdash \lambda[a] . \lambda[x] . x : (a :_0^2 \text{Type}) \multimap (x :_1^0 a) \multimap a$$

Graded Type Theory (GrDTT)

$$\mathbf{GrTT} = \mathbf{LEDTT} + \mathbf{Graded\ Types}$$

H. Eades III, B. Moon, and D. Orchard. "Graded Type Theory."
Under review at LICS 2020.