

pair-inherence^{0,22}

$\forall A, B:\text{Type}, x:A, y:B, a:\text{Atom1}.$

$\text{AtomFree}(\text{Type};A) \Rightarrow \text{AtomFree}(\text{Type};B) \Rightarrow (\langle x, y \rangle:A \times B \rangle \rangle a \Leftrightarrow x:A \rangle \rangle a \vee y:B \rangle \rangle a)$