Decidability of isomorphism

Proposition

Type isomorphism is undecidable in System F (Haskell) and intuitionistic type theory (Idris).

Proof.

- ullet Claim: A type is isomorphic to $oldsymbol{\perp}$ if and only if it is uninhabited.
- Type inhabitation is undecidable in System F and intuitionistic type theory.

