Logica intuizionista predicativa LI

Regole derivate per LI

Logica classica predicativa LC

Calcolo classico predicativo LC^{abbr}

Regole derivate per LC

$$\frac{\Gamma, A \vdash \nabla}{\Gamma \vdash \neg A, \nabla} \neg \neg - \Gamma \qquad \frac{\Gamma \vdash A, \nabla}{\Gamma, \neg A \vdash \nabla} \neg \neg - S$$

$$\neg - ax_{sx1} \qquad \neg - ax_{sx2}$$

$$\Gamma, A, \Gamma', \neg A, \Gamma'' \vdash \nabla \qquad \Gamma, \neg A, \Gamma', A, \Gamma'' \vdash \nabla$$

$$\neg - ax_{dx1} \qquad \neg - ax_{dx2}$$

$$\Gamma \vdash \Sigma, A, \Sigma', \neg A, \Sigma'' \qquad \Gamma \vdash \Sigma, \neg A, \Sigma', A, \Sigma''$$

$$rf^* \qquad sm^*$$

$$\vdash t = t, \Delta \qquad \Gamma, t = s \vdash s = t, \Delta$$

$$tra^* \qquad cf^* \qquad cp^*$$

$$\Gamma, s = t, t = u \vdash s = u, \Delta \qquad \Gamma, t = s \vdash f(t) = f(s), \Delta \qquad \Gamma, P(t), t = s \vdash P(s), \Delta$$