axiom

$$P \vdash P \quad Q, Q{\to}R \vdash R$$

$$\overline{} \quad {\to}\vdash$$

$$P{\to}(Q{\to}R), Q, P \vdash R$$

$$\overline{} \quad \vdash{\to}$$

$$P{\to}(Q{\to}R), Q \vdash P{\to}R$$