$$\begin{tikzcd}
 & \overbrace{\mathfrak{k} \vDash_{\mathfrak{F}}}^{\neg \mathfrak{k}} \arrow[dd, "\asymp"] \\
\mathfrak{k} \arrow[ur] \arrow[dr] & \\
 & \mathbb{R}\,{}_{0}^{\triangleleft}{}_{\mathfrak{F}}
\end{tikzcd}$$

$$\overbrace{\mathfrak{k} \vDash_{\mathfrak{F}}}^{\neg \mathfrak{k}} = \overbrace{\mathfrak{k} \vDash_{\mathfrak{F}}}^{\neg \mathfrak{k}} \xrightarrow{\asymp} \mathbb{R}\,{}_{0}^{\triangleleft}{}_{\mathfrak{F}}$$