Henkin's Strong Completeness Theorem for PS: The Big Picture of Hunter's Proof of 32.14

$$\Gamma \models_{\mathrm{P}} A \overset{32.14}{\Longrightarrow} \Gamma \vdash_{\mathrm{PS}} A$$

$\Updownarrow$ Contraposition in metatheory.

$$\Gamma \nvdash_{\mathrm{PS}} A \overset{32.14}{\Longrightarrow} \Gamma \not\models_{\mathrm{P}} A$$

32.7 $\Updownarrow$ Definition of $\models_{\mathrm{P}}$.

$\Gamma \cup \{\sim A\}$ is p-consistent $\Longrightarrow$ $\Gamma \cup \{\sim A\}$ is m-consistent

$\Uparrow$ Definition of m-consistency.

$$\left\{ \begin{array}{c} \Gamma \cup \{\sim A\} \text{ is PC} \overset{32.12}{\Longrightarrow} \Gamma \cup \{\sim A\} \subseteq \Gamma' \text{ which is MPC} \\ + \\ \text{There is a model } I \text{ of } \Gamma' \text{ [32.13]} \end{array} \right\}$$