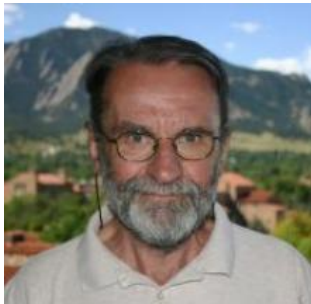


Omitting Types



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As the construction progresses, for each $p \in \Phi$, ensure that for every tuple \mathbf{c} of constants, $\neg\varphi(\mathbf{c})$ is added to T_∞ for some formula with $\varphi(\mathbf{x}) \in p$.

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The Henkin model cannot realize any type in Φ , because we forced that.

Organization of proof for $\Phi = \{p\}$ a single n -type

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A carefully worded restatement of the theorem is true for uncountable languages.