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syntactic compactness theorem for first order logic

 ${\bf Canonical\ name} \quad {\bf Syntactic Compactness Theorem For First Order Logic}$

Date of creation 2013-03-22 12:43:59 Last modified on 2013-03-22 12:43:59

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Numerical id 5

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Entry type Theorem Classification msc 03B10 Classification msc 03C07

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Let L be a first-order language, and $\Delta \subseteq L$ be a set of sentences. If Δ is inconsistent, then some finite $\Gamma \subseteq \Delta$ is inconsistent.