

El lenguaje de programación Prolog

Presentación para la materia Teoría del Lenguaje

Demian Ferrerio
Martín Paulucci
Axel Straminsky

Facultad de Ingeniería
Universidad de Buenos Aires

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Theorem (The Poincaré inequality)

Suppose $\Omega \in \mathbf{R}^n$ is a bounded domain with smooth boundary. Then there exists a $\lambda > 0$, depending only on Ω , such that for any function f in the Sobolev space $H_0^1(\Omega)$ we have:

$$\int_{\Omega} |\nabla u|^2 dx \geq \lambda \int_{\Omega} |u|^2 dx.$$

Here is what *itemized* and *enumerated* lists look like:

- itemized item 1
- itemized item 2
- itemized item 3

- 1 enumerated item 1
- 2 enumerated item 2
- 3 enumerated item 3