

ANUNCIO DE CURSO

Some classical properties of minimal surfaces

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Abstract:

The aim of these lectures is to introduce some basic results concerning minimal surface theory. The lectures will focus to the theory in \mathbb{R}^3 even if some of the results can be generalized to Riemannian manifolds and higher dimension. The main points will be : the first variation formula and the definition of minimal surfaces, the monotonicity formula, the second variation formula, the classification of stable minimal surfaces in \mathbb{R}^3 , the Bernstein theorem.

Días: 14 y 15 de marzo de 2017 de 10:00 a 12:30
LUGAR: Seminario segunda planta del IEMath-Gr