



Colloquium del Departamento de Análisis Matemático

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“On a Lagnese-Lions' conjecture”

Martes 5 de mayo de 2015
a las 13:00 horas en el seminario 222

Abstract:

In 1988 Lagnese-Lions conjectured that the asymptotic limit of Mindlin-Timoshenko system converges to the Von-Kármán system. In the last years a series of papers related to this conjecture have been published and although they have been achieved several advances, so far we just have partial answers to this problem. In this talk, among other results, using semigroup theory, compactness results and embedding in Sobolev spaces, we will finally present a proof of the Lagnese-Lions conjecture. I will present results of a joint work with F. Araruna and P. Braz e Silva, and results of a joint work with F. Ammar-Khodja.

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