

Seminari Informal de Matemàtiques de Barcelona

Speaker: Andrés Rojas González.
University: Universitat de Barcelona.

Date: Wednesday, 22nd of May.
Schedule: 12:00, *coffee break*; 12:20, talk.
Place: B1 classroom, *Facultat de Matemàtiques* of UB.
Language: Spanish.

Title: On a theorem of Waring for plane algebraic curves.

Abstract: Waring's theorem is a classic result about the intersection of plane algebraic curves. Roughly speaking, it asserts that the barycenter of the intersection points is determined by the asymptotes of the curves.

After a short historical introduction, in this talk we present the ideas that allow to obtain an extension of Waring's theorem. Finally, we see some consequences; the most important of them will be a theorem due to Chasles.

About us: The SIMBa is a young seminar organized by the PhD students of the Faculties of Mathematics and Computers of Barcelona. It is aimed at doctoral, master's degree students and, also, for those who are in the last grade courses. Our goal is that each one can make known the research which they are doing, as well as, to get new knowledge of other areas of mathematics than his own..

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If you have any doubt or comment, do not hesitate to contact us by sending an email to seminari.simba@ub.edu.