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Limit cycles and Abelian integrals

Thursday 5 December 2019 14:30 (30 minutes)

We will show how limit cycles, which form part of a dynamic object: an ordinary differential equation, are related with zeros of an analytic object: an Abelian integral. We will show when such a relation is an equivalence and we will exhibit some recent results about these two objects.

Presenter: REBOLLO, Salomón (UBB)