



The Herman conjecture

Mauricio Garay

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In the nineties, Michel Herman conjectured the existence of a positive measure set of invariant tori at an elliptic diophantine critical point of a hamiltonian function. I prove a generalisation of the KAM theorem which solves positively this conjecture.

Comments: This paper is an improved version of the french one (arXiv:1104.0748)

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