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CRM.

The geometric traveling salesman problem in the Heisenberg group

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ABSTRACT: The geometric traveling salesman theorem could be stated as follows: If (X, d) is a metric space, under which (quantitative) conditions is a compact subset E of X contained in a rectifiable curve? In this talk, I will present some recent results related to this question in the case of the Heisenberg group and I will discuss some open questions.