# SPIN-DEPENDENT TRANSPORT THROUGH A METALLIC SYSTEM WITH MAGNETIC IMPURITIES

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The problem of spin-dependent transport of electrons through a metallic nanostructure is considered. The system consists of non-magnetic metal with two magnetic impurities and is connected to two ferromagnetic leads. The differential conductance is calculated by using the transfer matrix method.

 $9.7~\mathrm{cm}$ 

— 13.4 cm

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