

Oscillatory Coupling between Ferromagnetic Layers Separated by a Nonmagnetic Metal Spacer
 [Phys. Rev. Lett. 67, 1602 (1991)]

P. Bruno and C. Chappert

Early versions of Figs. 1 and 2 were inadvertently printed. The correct figures are presented here.

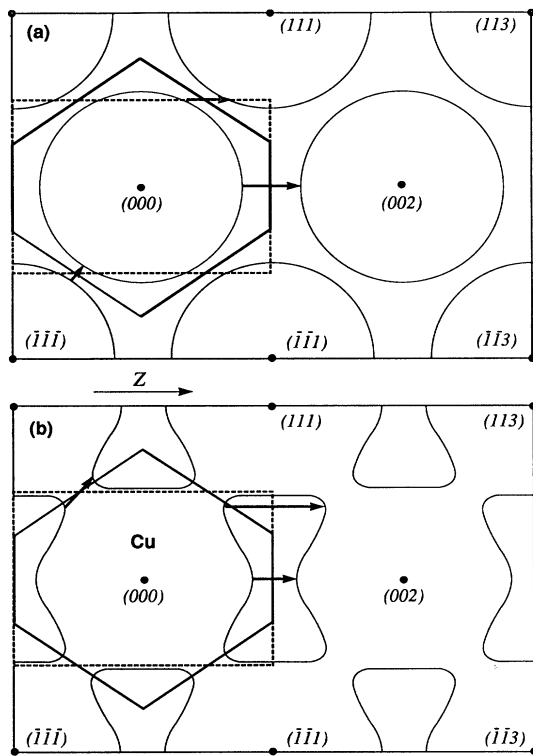


FIG. 1. Cross section of the Fermi surface, for a fcc (001) spacer. The FBZ and the auxiliary prismatic zone are represented by the bold solid and dashed contours. The wave vectors giving rise to oscillatory interlayer coupling are indicated by the horizontal bold arrows. (a) Free-electron approximation, and (b) Cu Fermi surface. The vectors giving the oscillation period for the (111) orientation are also shown (oblique arrows).

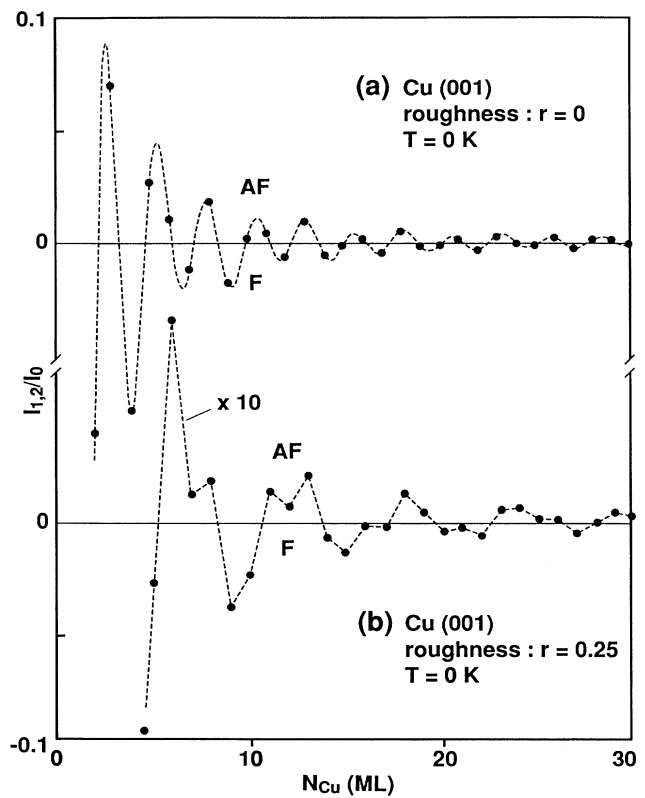


FIG. 2. Calculated interlayer coupling $I_{1,2}$ (normalized to I_0) for a Cu(001) spacer, as a function of the Cu thickness N_{Cu} , at $T=0$ K. The solid circles correspond to physically achievable thicknesses (N_{Cu} integer). (a) Zero roughness and (b) roughness $r=0.25$.