

Fig.1. Spectrum of Ferromagnetic Quasi-Particles

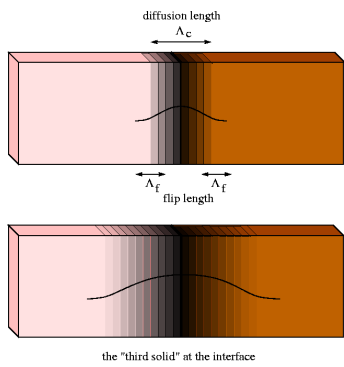


Fig.4. Two Solids in Contact

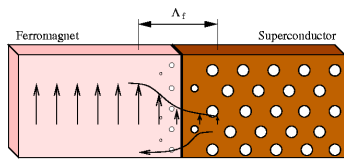


Fig.6. Spin-Flip and Gap Damping at the Interface

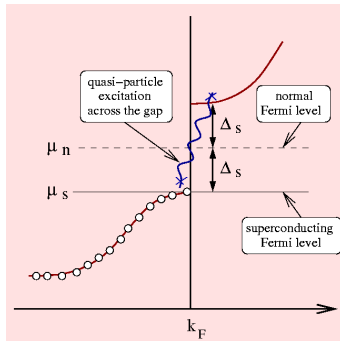


Fig.2. Superconducting Quasi-Particles Spectrum

Electric flow through a ferromagnet-superconductor junction

M. Apostol, L. C. Cune

Department of Theoretical Physics,
Institute of Atomic Physics,
Magurele-Bucharest, Romania

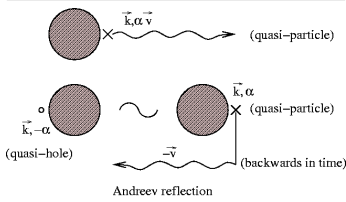


Fig.7. Andreev Reflection

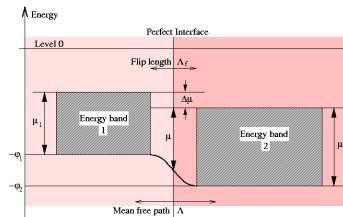


Fig.3. Two Solids with a Perfect Contact

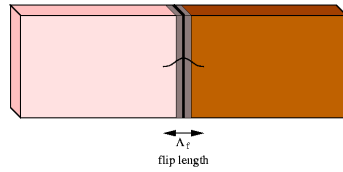


Fig.5. A Perfect Contact

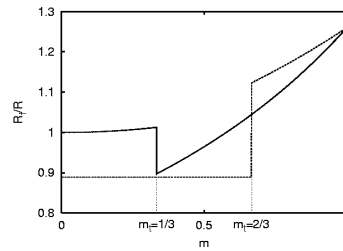


Fig.8. FIST Resistance vs Magnetization