

Plan of the talk

- 1) On the relevance of monopoles (defects) in QFT with internal symmetries
- 2) Short review on Regge poles in QM and on their importance in QFT
- 3) How the presence of a Dirac monopole affects the scattering problem in QM with a Yukawa potential
- 4) How the Dirac monopole changes the Sommerfeld-Watson-Regge formula for the Scattering amplitude
- 5) Some speculations and interesting paths to follow in the analysis of the effects of monopoles/defects in scattering problems in QCD/YM