



سمینار هفتگی گروه ماده چگال نرم

Myoglobin-CO substate structure and Dynamics

Hengame Shams

Seeking the relationships between protein structure and function have led researchers to understand protein dynamics. Carbonmonoxymyoglobin (MbCO) has been extensively studied both experimentally and computationally. This protein can exist in multiple conformational substates, each substate corresponds to a local minimum on the free energy landscape, with distinct structure. Interconversion of MbCO among three different substates, related to A0, A1 and A3 absorption bands in the IR spectrum, has been studied under thermal equilibrium. Various experimental and computational methods will be discussed.

زمان: شنبه 87/6/9 ، ساعت : 15:30

مکان: آمفی تئاتر دانشکده فیزیک

قطب ماده چگال و سیستمهای پیچیده