

Qin, Bo; Tian, Bo; Liu, Wen-Jun; Zhang, Hai-Qiang; Qu, Qi-Xing; Liu, Li-Cai
Solitonic excitations and interactions in an α -helical protein modeled by three coupled nonlinear Schrödinger equations with variable coefficients. (English) [Zbl 1203.92007](#)
J. Phys. A, Math. Theor. 43, No. 48, Article ID 485201, 22 p. (2010).

MSC:

92C05 Biophysics

92C40 Biochemistry, molecular biology

81Q05 Closed and approximate solutions to the Schrödinger, Dirac, Klein-Gordon and other equations of quantum mechanics

81V99 Applications of quantum theory to specific physical systems

Cited in 4 Documents

Full Text: [DOI](#)