

Matrix Elements of One- and Two-Body Operators in the Unitary Group Approach (II) - Application

DAI Lian-Rong and PAN Feng

Department of Physics, Liaoning Normal University, Dalian 116029, China  
(Received: 2000-3-9; Revised: )

Abstract: Simple analytical expressions for one- and two-body matrix elements in the unitary group approach to the configuration interaction problems of many-electron systems are obtained based on the previous results for general  $U_n$  irreps.

PACS: 02.20.0s, 31.20.Tz, 31.15.+q

Key words: configuration interaction problems, many-electron systems, unitary group approach

[\[Full text: PDF\]](#)

Close