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Deeply Bound Kaonic Nuclei - Their Strange Density Distributions
Clustering Structure in Light to Medium-Heavy Stable Nuclei
Heavy Ion Radiative Capture: A Study of the 12C(12C,y) Reaction Using
A Large Germanium Detector Array; 12C + 12C -> 8Beg.s. + 16Og.s.
Resonance Reaction and Multi-Cluster States of the Highly Excited
24Mg Nucleus; Resonant Structures in Observed Spin Alignment in the
12C+16O Inelastic Scattering

Barrier-Wave/Internal-Wave Interpretation of Airy Structure in Light Heavy-Ion Elastic Scattering

Double-Folding Potentials for the 16O + 16O System in the Coupled-Channels Framework

; New Information on -cluster States in 12C from the -decay of 12N; Alpha and Di-Neutron Condensation

Alpha Cluster Condensation in 12C and 16O

## Sommario/riassunto

This proceedings volume includes all the invited talks and oral presentations at the International Symposium on Clustering Aspects of Quantum Many-Body Systems, 12-14 November 2001, Kyoto, Japan. It discusses various features of clustering aspects - localization of particles in static and dynamical contexts - of nuclear and atomic systems. It also presents many recent theoretical developments in quantum few-body and many-body problems. This book will be useful to graduate students and researchers in the field of quantum many-body problems, especially to those who want to understand the system