

On the Intersection of the Cluster, Shell and Collective Models

J. Cseh

Institute of Nuclear Research, Hungarian Academy of Sciences, Debrecen,
Pf. 51, Hungary-4001

In this contribution we plan to discuss interrelation of the shell, cluster and collective models from the viewpoints of

1. general definitions,
2. algebraic models,
3. phases of cold finite nuclear matter, and
4. experimental spectra.