

CONFLICTING COUPLING OF UNPAIRED  
NUCLEONS AND THE STRUCTURE  
OF COLLECTIVE BANDS  
IN ODD-ODD NUCLEI

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S u m m a r y

The conflicting coupling of unpaired nucleons in odd-odd nuclei is discussed. A very simple explanation is suggested for the damping of the energy spacing of the lowest levels in the rotational bands in odd-odd nuclei with the “conflicting” coupling of an odd proton and an odd neutron comparative to those of the bands based on the state of a strongly coupled particle in the neighboring odd nucleus entering the “conflicting” configuration.