

DIPOLE EXCITATIONS IN AN ASYMMETRIC NUCLEAR FERMI-GAS

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Dipole excitations of a neutron-proton finite Fermi gas are considered within a semiclassical approach based on the kinetic equation. The independent-particle dipole strength functions connected with the external fields, which are exploited in quantum random phase approximation approaches for studying the isoscalar and isovector resonances in nuclei, are found.