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## Recent progress in quest of spin and spin-isospin excitations

I discuss recent progress in quest of spin and spin-isospin excitations by hadron inelastic scatterings, single- and double-charge exchange reactions. One topics is the quenching problem of IS and IV spin excitations. Other topics will be double Gamow-Teller excitations by double charge-exchange reactions. I will report recent theoretical studies of IS quenching problem in sd-shell nuclei and HFB+QRPA results of double Gamow-Teller excitations.

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