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**Proton Elastic Scattering from $^{60-74}$Ca Nuclei** KAORI KAKI, Department of Physics, Shizuoka Univ. — Recent relativistic-mean-field calculations have provided nuclear distributions of Ca isotopes whose mass numbers are 60 through 74. We calculate observables of proton elastic scattering from these unstable nuclei, and plan to show some relations between observables and much more spreading neutron distributions than proton ones. The calculations are based on relativistic impulse approximation (RIA) and the incident energies of proton are chosen 300 and 400 MeV. In these energies predictions of RIA have been known to provide good agreements with experimental data for many kinds of nuclei.

Kaori Kaki
Department of Physics, Shizuoka Univ.

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