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Study of light nuclei by polarization observables in electron scattering

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Electron-induced proton, neutron and deuteron knock-out remains the most versatile probe of the electromagnetic properties and spin structure of light nuclei. The advent of highly polarized beams and targets and improvements in recoil polarization methods, as well as analysis and simulation techniques, have enabled us to study the static and dynamical properties of few-body systems with unprecedented precision. Recent experiments at Jefferson Lab (TJNAF) and MAMI will be presented and put into perspective of state-of-the-art Faddeev calculations, with focus on the ^3He nucleus.

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