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Electromagnetic Reactions Involving Light Nuclei¹

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The structure of light nuclei is of primary importance for microscopic approaches to understanding nuclei. Precise knowledge at low energies also provides a connection to issues in nuclear astrophysics and to chiral perturbation and effective field theories, low energy approaches to quantum chromodynamics. High energy studies test quark-model approaches to nuclear structure. I will review recent experimental developments that test our understanding of the deuteron and ^3He systems through measurements of photo-disintegration, the Gerasimov Drell-Hearn sum rule, elastic electron scattering form factors, and quasifree (e, e') reactions. I will also describe some prospects for future work.

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