Universal few-body physics of a few nucleons or a few ultracold atoms

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Recent developments in the field of a few interacting particles with nonperturbative interactions will be reviewed, focusing on ultracold atomic physics, and on a recent application to the few-nucleon problem. Some of these studies are intimately connected with the Efimov effect, while others go beyond the standard Efimov effect with its remarkable infinity of long-range energy levels. Some of our relevant references addressing those topics are listed below.


This colloquium will be held in-person, at SERC 116 unless announced otherwise.