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Scales and Universality in three-body systems

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In this presentation we will review the role of scales in the physics of large three-body systems. It will be considered weakly-bound three particles with point-like interactions with a renormalization scheme characterized by the emergence of physical scales fixed by observables. The results will be presented in a form of universal scaling plots in the nuclear and atomic contexts. We will also show some results with finite range potentials and the corresponding range corrections in our scaling functions.

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