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[cond-mat/0412296] Many-body theory of non-equilibrium systems
A large number can be anywhere from three to infinity (in the case of a practically infinite, homogeneous or periodic system, such as a crystal), although three- and four-body systems can be treated by specific means (respectively the Faddeev and Faddeev–Yakubovsky equations) and are thus sometimes separately classified as few-body

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Many-body problem - Wikipedia

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