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Upper Bounds on Scattering Lengths When Composite Bound States Exist (Classic Reprint) (Hardback)

By L Rosenberg

Forgotten Books, 2018. Hardback. Condition: New. Language: English . Brand New Book ***** Print on Demand *****. Excerpt from Upper Bounds on Scattering Lengths When Composite Bound States Exist In Section II a number of results are obtained which provide upper bounds on the scattering length for the case where only one bound state exists. In Section III it is shown that there are well defined circumstances for which some ordinary variational calculations provide a bound. An alternate method for obtaining bounds, based on.the Kato formalism, is considered in Section IV. The extension to the case of many bound states is treated in Section V. Since in this case the exact scattering function has a number of nodes (even for the scattering of a particle by a center of force), making the construction of an accurate trial function more difficult, it would seem that a minimum principle for the scattering length is even more valuable here. About the Publisher Forgotten Books publishes hundreds of thousands of rare and classic books. Find more at This book is a reproduction of an important historical work. Forgotten Books uses state-of-the-art technology to digitally reconstruct the work, preserving the original format whilst repairing imperfections...

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