QCD@Work - International Workshop on QCD - Theory and Experiment



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## Semirelativistic Bound-State Equations: A Few Trivial Considerations

Observing renewed interest in (semi-) relativistic descriptions of bound states, we would like to make a few comments on the eigenvalue problem posed by the spinless Salpeter equation and, illustrated by the example of the Woods-Saxon potential, recall various elementary tools that practitioners looking for analytic albeit approximate solutions might find useful in their quest.

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