

NCSM scattering of charged particles

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We have developed a method [1] to describe scattering of charged particles within the Harmonic Oscillator Representation of Scattering Equations formalism [2]. This method can be combined with the No-core Shell Model to provide an *ab initio* description of scattering of charged particles utilizing the Lanczos method [3] or an adaptation [4] of the Efros method [5] as we discuss using the proton–alpha (p – α) scattering as an example.

References

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