

# Solving the Homogeneous Bethe-Salpeter Equation in Minkowski space

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Recently a new formal tool, based on both the Nakanishi integral representation of the Bethe-Salpeter amplitude and the so called light-front projection, has been adopted for obtaining actual solutions of the Bethe-Salpeter equation. A wide investigation of both spectra and light-cone momentum distributions have been carried on for bound systems with and without spin degrees of freedom, in ladder approximation. Some physically relevant cases will be discussed, as well as some perspectives, like the possibility to dress the propagators of both constituents and exchanged boson, as well as the interaction vertex.

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