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## **Nakanishi representation for two fermions bound state in Minkowski space.**

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We use the Nakanishi Integral Representation to solve the Bethe-Salpeter equation for two fermions bound state with a scalar exchanging, in Minkowski space. In this formulation we use the Light-Cone projection to obtain an equation for the Nakanishi weight function. Further, we investigate the validity of the Nakanishi uniqueness theorem for the weight functions for the Fermions system.

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