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Short title: Green functions for the wrong-sign quartic.

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Review text:

The calculation of Green functions is a difficult though still feasible task which belongs to the main constructive tools in the relativistic quantum field theory. The paper pays attention to the wrong-sign (i.e., manifestly non-Hermitian) quartic-interaction toy model. The author makes use of the exceptional reducibility (i.e., Dyson's mapping) of this model to a Hermitian one, and he then brings quantitative methods-comparing arguments which persuasively support the preferability of the universal calculation method based on the lowest-order truncation of the underlying Schwinger-Dyson equations, with a key merit of circumventing the necessity of the construction of the metric. This toy-model test seems to predict good chances for the success of future calculations in higher orders and/or in higher dimensions, where the use of other methods would become prohibitively difficult.