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Review text:

One has to regret that the authors of this paper have agreed to not receive the proofs for correction: Any revised title and/or set of key words would be probably less puzzling. The text itself is much more (though not 100 percent) clear. It contemplates evolution of an n-mode system defined by a general time-dependent Hamiltonian which is quadratic in the creation and annihilation operators which are, in general, time-dependent (at this point, the paper would deserve a more detailed extension). Two versions of the method are offered, solving Heisenberg equations in a way immediately extending the approaches of refs. [3] and [13]. In an explicit illustration of the feasibility of the method, unfortunately, just the known single-mode results are claimed to be reproduced (although I did not find some of them in the literature). Still, one can be reasonably optimistic concerning further applications since within the presented approach, the second-order differential equations for certain auxiliary transformation parameters are, in contrast to some alternative constructions, linear.