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Short title: *PT* symmetry as a generalization of Hermiticity.

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Review text:

In a way motivated by the needs of the so called PT-symmetric quantum mechanics of Bender et al and of Mostafazadeh et al (the formalism of which is briefly summarized in section 2) it is shown, via an exhaustive construction, that the N by N complex matrices with real spectra are all P-pseudohermitian at N=2 (section 3) and not all P-pseudohermitian at N=3 (section 4).