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## Extreme dynamics and sensitivity close to exceptional points

*Thursday 29 November 2018 17:20 (25 minutes)*

In the framework of PT-symmetric physics and more generally that of non-Hermitian photonics, we will examine the extreme power dynamics close to higher order exceptional points. The relation between the transient amplification of light and the enhanced sensitivity is going to be examined based on the pseudospectrum of the associated PT-symmetric Hamiltonians.

### Content of the contribution

Theory

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