

Compensation of XPM Interference by Blind Tracking of the Nonlinear Phase in WDM Systems with QAM Input - DTU Orbit (08/11/2017)

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Exploiting temporal correlations in the phase, achievable rates are studied and a blind trellis-based receiver is presented. Gains of 0.5 bit per symbol are found in point-to-point links irrespective of the symbol rate. These gains disappear in network configurations.

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