

Single-step emulation of nonlinear fiber-optic link with gaussian mixture model - DTU Orbit (08/11/2017)

Single-step emulation of nonlinear fiber-optic link with gaussian mixture model

We use a fast and low-complexity statistical signal processing method to emulate nonlinear noise in fiber links. The proposed emulation technique stands in good agreement with the numerical NLSE simulation for 32 Gbaud DP-16QAM nonlinear transmission.

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