

EDFA Simulation

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January 20, 2016

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EDFA.m is a simulation of Erbium-Doped Fiber Amplifiers.

INPUT:

OUTPUT:

SEE ALSO: EDFA_Input_Data

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20/01/2016
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References:

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- [3] C. Randy Giles, and E. Desurvire. "Modeling Erbium-Doped Fiber Amplifiers". IEEE Journal of Lightwave Technology, Volume 9, No. 2, Feb. 1991, pp. 271-283.
- [4] C. R. Giles, C.A. Burrus, D.J. DiGiovanni, N.K. Dutta, and G. Raybon. "Characterization of Erbium-Doped Fibers and Application to Modeling 980 nm and 1480 nm Pumped Amplifiers". IEEE Photonics Technology Letters, Volume 3, No. 4, Apr. 1991, pp. 363-365.

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