Abstract

Raman amplifier characteristics shows the coupling of signal power and pump power using propagation coupled equation in forward direction using MATLAB environment. The calculation of propagation coupled equation with and without amplified spontaneous emission in a single-mode fiber at wavelength of 850nm.

References

- Keisuke Goda, Ata Mahjoubfar, and Bahram Jalali "Demonstration of Raman gain at 800nm in single mode fiber and its potential application to biological sensing and
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**Index Terms**

Computer Science Signal Processing

**Keywords**

Signal Power And Pump Power Amplified Spontaneous Emission Propagation Coupled Equation.