



Investigation of multiple pulsing and hysteresis phenomena in the erbium-doped double-clad fiber laser

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Résumé en anglais	We investigate both experimentally and theoretically the multiple pulsing behaviour of an erbium-doped double-clad fiber laser passively mode-locked through nonlinear polarization rotation. Hysteresis phenomena are found experimentally in both the normal and anomalous dispersion regime. Theoretical results are compared with experimental data allowing to fix the range of validity of the model.
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