

Broadly peak power and pulse width tunable dissipative soliton resonance generation in Figure-of-Eight fiber laser

Submitted by Franois Sanchez on Fri, 09/27/2019 - 14:38

Titre	Broadly peak power and pulse width tunable dissipative soliton resonance generation in Figure-of-Eight fiber laser
Type de publication	Article de revue
Auteur	Salhi, Mohamed [1], Semaan, Georges [2], Ben Braham, Fatma [3], Niang, Alioune [4], Bahloul, Faouzi [5], Sanchez, Franois [6]
Editeur	Romanian Academy Publishing House
Type	Article scientifique dans une revue � comit� de lecture
Ann�e	2018
Langue	Anglais
Date	Janvier 2018
Num�ro	1
Pagination	402
Volume	70
Titre de la revue	Romanian Reports in Physics
ISSN	1841-8759
Mots-cl�s	dissipative soliton resonance [7], figure-of-eight fiber laser [8], tunable laser [9]
R�sum� en anglais	We experimentally demonstrate a broadly tunable dissipative soliton resonance dual-amplifier figure-of-eight fiber laser emission. The peak power is tuned continuously from 8.8 to 41.4 W by the first amplifier and pulse width from 84 to 416 ns by the second one.
URL de la notice	http://okina.univ-angers.fr/publications/ua20261 [10]

Liens

- [1] <http://okina.univ-angers.fr/m.salhi/publications>
- [2] <http://okina.univ-angers.fr/publications?f%5Bauthor%5D=15653>
- [3] <http://okina.univ-angers.fr/publications?f%5Bauthor%5D=39603>
- [4] <http://okina.univ-angers.fr/alniang/publications>
- [5] <http://okina.univ-angers.fr/publications?f%5Bauthor%5D=9358>
- [6] <http://okina.univ-angers.fr/francois.sanchez/publications>
- [7] <http://okina.univ-angers.fr/publications?f%5Bkeyword%5D=29368>
- [8] <http://okina.univ-angers.fr/publications?f%5Bkeyword%5D=29369>
- [9] <http://okina.univ-angers.fr/publications?f%5Bkeyword%5D=29370>
- [10] <http://okina.univ-angers.fr/publications/ua20261>

Publi  sur *Okina* (<http://okina.univ-angers.fr>)