

## Diode lasers with asymmetric barriers for 850 nm spectral range: experimental studies of power characteristics - DTU Orbit (08/11/2017)

### Diode lasers with asymmetric barriers for 850 nm spectral range: experimental studies of power characteristics

It is demonstrated that the use of asymmetric barrier layers in a waveguide of a diode laser suppress non-linearity of light-current characteristic and thus improve its power characteristics under high current injection. The results are presented for 850-nm AlGaAs/GaAs broad-area lasers with GaInP and AlInGaAs asymmetric barriers.

#### General information

State: Published

Organisations: Department of Photonics Engineering, Nanophotonic Devices, Russian Academy of Sciences, St. Petersburg Academic University, Virginia Polytechnic Institute and State University

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Number of pages: 6

Publication date: 2015

Main Research Area: Technical/natural sciences

#### Publication information

Journal: Journal of Physics: Conference Series

Volume: 643

Issue number: 1

Article number: 012042

ISSN (Print): 1742-6596

Ratings:

BFI (2017): BFI-level 1

Web of Science (2017): Indexed yes

BFI (2016): BFI-level 1

Scopus rating (2016): CiteScore 0.45 SJR 0.24 SNIP 0.383

Web of Science (2016): Indexed yes

BFI (2015): BFI-level 1

Scopus rating (2015): SJR 0.24 SNIP 0.373 CiteScore 0.35

Web of Science (2015): Indexed yes

BFI (2014): BFI-level 1

Scopus rating (2014): SJR 0.253 SNIP 0.344 CiteScore 0.32

Web of Science (2014): Indexed yes

BFI (2013): BFI-level 1

Scopus rating (2013): SJR 0.231 SNIP 0.272 CiteScore 0.25

ISI indexed (2013): ISI indexed no

Web of Science (2013): Indexed yes

BFI (2012): BFI-level 1

Scopus rating (2012): SJR 0.28 SNIP 0.354 CiteScore 0.33

ISI indexed (2012): ISI indexed no

BFI (2011): BFI-level 1

Scopus rating (2011): SJR 0.292 SNIP 0.352 CiteScore 0.43

ISI indexed (2011): ISI indexed no

BFI (2010): BFI-level 1

Scopus rating (2010): SJR 0.288 SNIP 0.344

Web of Science (2010): Indexed yes

BFI (2009): BFI-level 1

Scopus rating (2009): SJR 0.253 SNIP 0.321

BFI (2008): BFI-level 1

Scopus rating (2008): SJR 0.265 SNIP 0.294

Web of Science (2008): Indexed yes

Scopus rating (2007): SJR 0.257 SNIP 0.39

Web of Science (2007): Indexed yes

Scopus rating (2006): SJR 0.267 SNIP 0.284

Web of Science (2006): Indexed yes

Original language: English

Electronic versions:

[pdf.pdf](#)

DOIs:

[10.1088/1742-6596/643/1/012042](https://doi.org/10.1088/1742-6596/643/1/012042)

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Source: FindIt

Source-ID: 276446677

Publication: Research - peer-review › Journal article – Annual report year: 2015