

Systematic comparison of FWM conversion efficiency in silicon waveguides and MRRs - DTU Orbit (09/11/2017)

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Wavelength conversion based on four-wave mixing is theoretically compared in silicon micro-ring resonators and nanowires under the effect of nonlinear loss. The impact of the bus waveguide length and MRR position are also quantified.

General information

State: Published

Organisations: Nanophotonic Devices, High-Speed Optical Communication, Department of Photonics Engineering, Diode Lasers and LED Systems, Huazhong University of Science and Technology

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Number of pages: 2

Pages: TuPM-7

Publication date: 2013

Host publication information

Title of host publication: 2013 18th OptoElectronics and Communications Conference held jointly with 2013 International Conference on Photonics in Switching (OECC/PS)

Publisher: IEEE

Main Research Area: Technical/natural sciences

Conference: 18th OptoElectronics and Communications Conference (OECC 2013), Kyoto, Japan, 30/06/2013 - 30/06/2013

Source: dtu

Source-ID: n::oai:DTIC-ART:iel/392313469::32072

Publication: Research - peer-review › Article in proceedings – Annual report year: 2013