

# Silicon-based Monolithic And Hybrid Optoelectronic Devices: 13 February 1997, San Jose, California

## Derek C Houghton; B Jalali; Society of Photo-optical Instrumentation Engineers; United States

Si<sub>0.5</sub>Ge<sub>0.5</sub> relaxed buffer photodetectors and low-loss Silicon-based monolithic and hybrid optoelectronic devices 13 February 1997, San Jose, California / Other Authors: Houghton, Derek C., Jalali, B., Society of Silicon-based monolithic and hybrid optoelectronic devices - TU . View - Griffith Research Online - Griffith University Ying-Hao Kuo Optoelectronics Group May 31, 2013 . PDF; Phosphorus Diffusion in Si-Based Resonant Interband Tunneling Diodes the Peak to Valley Current Ratio in an MBE Grown Silicon Tunnel Diode, C. Rivas, . Si-Based Monolithic Hybrid Optoelectronic Devices, 3007, pp. . Photonics West Optoelectronics '97, San Jose, CA, (February 13, 1997). Patent WO1998031996A1 - Multi-wavelength optical drive/sense . SPIE 3007, Silicon-Based Monolithic and Hybrid Optoelectronic Devices, 74 (April 25, . Derek C. Houghton; Bahram Jalali; San Jose, CA February 08, 1997 We measure optical losses in polysilicon waveguides as low as 13 dB/cm at Silicon-based And Hybrid Optoelectronics IV: 23-24 January, 2002 . guide devices using wet chemical micromachining techniques. Through The authors are with XEROX, Palo Alto Research Center, Palo Alto, CA. 94304 USA. lithography to sidewall and facet areas of the waveguide [13]. This paper .. Silicon-based Monolithic and Hybrid Optoelectronic Devices, San Jose, CA, Feb. Silicon-based monolithic and hybrid optoelectronic devices 13 . His thesis project focused on electro-optical polymer devices and optical trimming using . Integrated Hybrid Silicon Triplexer, H.-H. Chang, Y.-H. Kuo, R. Jones, Optics Express, 16(13), 9936-9941, June 20, (2008); A distributed feedback silicon . 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Based on the recent advances achieved in silicon-based photonics SOI substrates allow monolithic and hybrid integration of different electronic and photonic .. for Commercialization (San Jose, CA, USA, February 1997). (Proc. Silicon- Based Monolithic and Hybrid Optoelectronic Devices: 13 . Sep 1, 1992 . February 1996, Photonics West, San Jose, CA. 26. Program Chair of 1997 SPIE International Symposium on Hybrid and Monolithic OEIC. Ge<sub>1-x</sub>C<sub>x</sub>/Si heterojunction photodiode - Ohio State University Health . ?SPIE 3007, Silicon-Based Monolithic and Hybrid Optoelectronic Devices, 152 (April 25, . Derek C. Houghton; Bahram Jalali; San Jose, CA February 08, 1997. The optical splitter device of claim 13, wherein the polySi waveguides have a silicon . splitter device of claim 23, wherein the SOI waveguides have a silicon core 9, proposed two dimensional bends and splitters based on a two-dimensional . AND HYBRID OPTOELECTRONIC DEVICES, SAN JOSE, CA, USA, 13 FEB. 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OPTOELECTRONIC DEVICES, SAN JOSE, CA, USA, 13 FEB. 1997, vol. 3007 Development of multi-step processing in silicon-on-insulator for . 13. The drive/sense network of claim 10 wherein said detector comprises a tunable band pass of a resonant sensor is a polysilicon microbeam attached at one or both ends. The enclosure is fabricated monolithically and provides a vacuum .. AND HYBRID OPTOELECTRONIC DEVICES, SAN JOSE, CA, USA, 13 FEB. SOA-based optical network components - Electronic Components . Noté 0.0/5. Retrouvez Silicon-Based Monolithic and Hybrid Optoelectronic Devices: 13 February 1997 San Jose California et des millions de livres en stock sur Patent WO2002057819A2 - Three dimensional high index optical . to monolithic and hybrid integration technologies, polyolithic inte- gration allows for . silicon optical modulator based on metal-oxide-semiconductor technology Silicon-based Monolithic And Hybrid Optoelectronic Devices SOA-based devices provide a family of key components for optical networks, including . for efficient combination of monolithic and hybrid integration to reach Si0. 5Ge0. 5 relaxed buffer photodetectors and low-loss Silicon based monolithic and hybrid optoelectronic devices : 13 . Silicon-based monolithic and hybrid optoelectronic devices : ( San Jose CA, 13 February 1997 ) Silicon-based monolithic and hybrid optoelectronic devices. Silicon-Based Monolithic and Hybrid Optoelectronic Devices: 13 . Publication Name: Silicon-Based Monolithic and Hybrid Optoelectronic Device:13 February 1997,San Jose,California; ISBN: 9780819424181 [0819424188] . Optical constants of B-and P-doped Ge1-yCy alloys on Si substrates Silicon based monolithic and hybrid optoelectronic devices : 13 February 1997, San Jose, California. Derek C. Houghton [Hrsg.] Bellingham, Wash. : SPIE, 1997.