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Photonics for Space Environments IX, a function of the modulator V for typical Mach Zehnder link parameters. Currently **Fiber Optic and Photonic Documents - nasa photonics** Addressing the requirements for RF photonics. PDF. George A. Brost. Proc. SPIE 5554, Photonics for Space Environments IX, 37 (October 18, 2004) doi: **Photonics for Space Environments VII International Symposium on** SPIE 3124, Photonics for Space Environments V, 137 (October 17, 1997) doi:10.1117/12.290138. Text Size: A A A. From Conference Volume 3124. Photonics **Nanophotonics and Macrophotonics for Space Environments VI** SPIE 3124, Photonics for Space Environments V, 84 (October 17, 1997) doi:10.1117/ Space applications require additional features such as environmental **Organolanthanide-based infrared-light-emitting devices Photonics** rate communication in harsh terrestrial, defense, and space environments. V. Differential Input Resistance. 85 100 115 ohm. Modulation-Current Rise Time **Conference Detail for Nanophotonics and Macrophotonics for Space** On the Suitability of Fiber Optic Data Links in Space Radiation Environment: Conference, Nanophotonics and Macrophotonics for Space Environments V, Vol. **Radiation Resistant Polymer-Based Photonics for Space Applications** space radiation environment that encompasses both the historical past and the extent of this work. We will present an overview of the photonic components .. analysis indicates better SEE characteristics for III-V direct bandgap detectors **Fiber Optic and Photonic Documents** SPIE 4134, Photonics for Space Environments VII, 159 (October 26, 2000) bright electroluminescence at drive voltages of approximately 12 V. We have **Reliability of Laser Diodes for Space Flight - nasa photonics** Nanophotonics and Macrophotonics for Space Environments V in testing laser diodes and optical materials subjected to exposure in space **Novel fiber optic nuclear radiation sensor Photonics for Space** Proc. SPIE 6713, Nanophotonics and Macrophotonics for Space Environments, 671301 (October 30, 2007) doi: 10.1117/12.776735 **Miniature ruggedized optical correlator (MROC) modules for space** Polymer Based Photonics for Space Environment Applications multi-component, integrated opticpolymer circuitry demonstating high bandwidths, low V-pi, low **VLSI Micro- and Nanophotonics: Science, Technology, and Applications - Google Books Result** Optical transmission and thermal heating effects due to irradiation of nonlinear optic and conductive polymers for space-based electro-optic applications. PDF. **Nanophotonics and Macrophotonics for Space Environments V - SPIE** Tribble AC (2003) The space environment: implementation for spacecraft Viel-Inguimbert V, Dinguirard M (2003) Modification of a 5-eV atomic-oxygen Sci 18:12161219 Saleh BEA, Teich MC (2007) Fundamentals of photonics, 2nd edn. **Why Photonic Systems for Space? - Defense Technical Information** Proc. SPIE 8164, Nanophotonics and Macrophotonics for Space Environments V, 816401 (September 28, 2011) doi: 10.1117/12.913672 **Nanophotonics and Macrophotonics for Space Environments - SPIE Nanophotonics and Macrophotonics for Space Environments V** Photonics for Space Environments X. Editor(s): Nanotube, nanowire, and nanocircuit behavior in simulated space environments. Author(s): **Protection of Materials and Structures From the Space Environment - Google Books Result** Radiation-induced effects research in emerging photonic technologies: vertical cavity SPIE 3124, Photonics for Space Environments V, 9 (October 17, 1997) **Single-mode fiber to single-mode GaAs channel waveguide** High-efficiency solar cells from III-V compound semiconductors. Nanophotonics and Macrophotonics for Space Environments III, volume 7467, page 746705. **Laser Beam Shaping Applications, Second Edition - Google Books Result** Photonics Spectra, 1 Feb, 2011. http:// /Article.aspx?AID=45913. Nanophotonics and Macrophotonics for Space Environments V, Proc. **Polymer Based Photonics for Space Environment Applications** Laser and LIDAR Publications for Space Environments Optics and Photonics Conference, Nanophotonics and Macrophotonics for Space Environments V, Vol.