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**Book Chapter**

1) Continuously Tunable 1.5µm Multiple-Quantum-Well InGaAs/InGaAsP Distributed-Bragg-Reflector Lasers; 

**Papers**

1) Phase Grating Masks for Photonic Integrated Circuits Fabricated by E-Beam Writing and Dry Etching: Challenges to Commercial Applications; D.M. Tennant, K. Feder, K.F. Dreyer, R.P. Gnall, T.L. Koch, U. Koren, B.I. Miller, M.G. Young; 
   Microelectronic Engineering, 27(1-4) pp. 427-437, Feb 1995; 

   Presented at 38th International Symposium on Electron, Ion, and Photon Beams (EIPB'94), New Orleans LA, 

3) Monolithic Integration of GaInAs/GaInAsP Strained Quantum Well DFB Laser, Electroabsorption Modulator and Optical Amplifier by Nonplanar MOVPE; F. Koyama, K.-Y. Liou, A.G. Dentai, R.P. Gnall, G. Raybon, H.M. Presby, C.A. Burrus; 
   Proceedings of 1994 Conference on Lasers and Electro-Optics CLEO/IQEC (CLEO '94), 8() pp. 240-241, 


6) Multiwavelength Distributed Bragg Reflector Laser Array Fabricated using Near Field Holographic Printing 
   with an Electron-Beam Generated Phase Grating Mask; D.M. Tennant, T.L. Koch, J.M. Verdiell, K. Feder, R.P. 
   Gnall, U. Koren, M.G. Young, B.I. Miller, M.A. Newkirk, B. Tell; 

7) InGaAs/InGaAsP Integrated Tunable Detector Grown by Chemical Beam Epitaxy; F.S. Choa, W.T. Tsang, R.A. 
   Logan, R.P. Gnall, T.L. Koch, C.A. Burrus, M.C. Wu, Y.K. Chen, R. Kapre; 
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8)  8-Wavelength DBR Laser Array Fabricated with a Single-Step Bragg Grating Printing Technique;  
   Newkirk, B. Tell;  

9)  An N-frequency Laser Matched to a Fabry-Perot Etalon Frequency Standard; U. Koren, M.A. Newkirk, Y.C. 
   Chung, B.I. Miller, M.G. Young, R.P. Gnall, M.D. Chien;  

10) Incoherent Contact-Print Grating Technology for WDM Laser Sources; T.L. Koch, J.M. Verdiell, D.M. Tennant, 
     R.P. Gnall, K. Feder, M.G. Young, B.I. Miller, U. Koren, M.A. Newkirk, B. Tell;  
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11) A Frequency Reference Photonic Integrated Circuit for WDM with Low Polarization Dependence;  
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12) Aspheric Waveguide Lenses for Photonic Integrated Circuits; J. Verdiell, M.A. Newkirk, T.L. Koch, R.P. Gnall, 
     U. Koren, B.I. Miller, L.L. Buhl;  

13) Single Step Contact Printing of Bragg Gratings Using a Conventional Incoherent Source and a Phase Mask; 
     Application to a Multi-Wavelength DBR Laser Array; J.M. Verdiell, T.L. Koch, D.M. Tennant, R.P. Gnall, K. 
     Feder, M.G. Young, B.I. Miller, B. Tell, U. Koren, M.A. Newkirk;  
     Bell Labs Technical Memorandum.  

14) Characterization of Near Field Holography Grating Masks for Optoelectronics Fabricated by Electron Beam 
     Lithography; D.M. Tennant, T.L. Koch, P.M. Mulgrew, R.P. Gnall, F. Ostermeyer, J.M. Verdiell;  

15) Design, Fabrication, and Performance of a Very High Side-Mode-Suppression-Ratio Distributed-Bragg- 
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16) Experimental Demonstration of Fiber Transmission of Compressed Digital Video; P. Magill, K.C. Reichmann, 
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18) High-Power Multiple-Quantum-Well Distributed Feedback Laser Arrays and Fabry-Perot Laser Arrays at 1.5µm 


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