

## References

- [1] Bruce E., "Tunable lasers," *IEEE Spectrum*, vol. 39, no. 2, pp. 35–39, Feb. 2002.
- [2] "Optical Technologies for Next-Generation Metro DWDM Application," [www.cisco.com](http://www.cisco.com).
- [3] "New Focus TLS 420C: Using Tunable Lasers to Improve Network Efficiency and Meet Customer Requirements," [www.newfocus.com](http://www.newfocus.com).
- [4] L. A. Coldren, G. A. Fish, Y. Akulova, J. S. Barton, L. Johansson, and C. W. Coldren, "Tunable Semiconductor Lasers: A Tutorial," *J. Lightwave Technol.*, vol. 22, no. 1, pp. 193–202, Jan. 2004.
- [5] J.-O. Wesstrom, J. Bergerngen, G. Sarlet, Y. Gustaffson, P. Szabo, and B. Broberg, "GCSRs and other Widely Tunable Lasers," *Proc. of LEOS '01*, pp.35-36.
- [6] G. A. Fish, "Monolithic widely-tunable DBR lasers," *Proc. of OFC '01*, vol. 2, pp. TuB1-T1-4, 2001.
- [7] Franck Delorme, "Widely Tunable 1.55- $\mu$ m Lasers for Wavelength Division Multiplexed Optical Fiber Communications," *IEEE J. Quantum Electron.*, vol. 34, no. 9, pp. 1706-1716, Sept. 1998.
- [8] V. Jayaraman, Z. M. Chuang, and L. A. Coldren, "Theory, Design and Performance of Extended Tuning Range Semiconductor Lasers with Sampled Gratings," *IEEE J. Quantum Electron.*, vol. 29, pp. 1824–1834, June 1993.
- [9] H. Ishii, F. Kano, Y. Yoshikuni, and H. Yasaka, "Mode Stabilization Method for Superstructure-Grating DBR Lasers," *J. Lightwave Technol.*, vol. 13, pp. 433–442, Mar. 1998.
- [10] L. Zhang and John C. Cartledge, "Fast Wavelength Switching of Three-Section DBR Lasers," *IEEE J. Quantum Electron.*, vol. 31, pp. 75-81, Jan. 1995.
- [11] X. Pan, H. Olesen, and B. Tromborg, "A Theoretical Model of Multielectrode DBR Lasers," *IEEE J. Quantum Electron.*, vol. 24, pp. 2423–2432, Dec. 1998.
- [12] G. Sarlet, G. Morthier, and R. Baets, "Wavelength and Mode Stabilization of

- Widely Tunable SG-DBR and SSG-DBR Lasers,” *IEEE Photo. Tech. Lett.*, vol. 11, pp. 1351–1353, Nov. 1999.
- [13] G. Sarlet, G. Morthier, and R. Baets, “Control of Widely Tunable SSG-DBR Lasers for Dense Wavelength Division Multiplexing,” *J. Lightwave Technol.*, vol. 18, pp. 1128–1138, Aug. 2000.
- [14] Markus-christian Amann and Jens Buus, “*Tunable Laser Diodes*,” MA: Artech House, 1998.
- [15] Agrawal G. P., Dutta N. K., and Van Nostrand Reinhold, “*Long-Wavelength Semiconductor Lasers*,” 1986.
- [16] D. J. Robbins, N. D. Whitbread, P. J. Williams, and J. R. Rawsthorne, “Design and Optimisation of Sampled Grating DBR Lasers for Dense WDM Networks,” *ECOC’98*, pp. 221-222, Sept. 1998
- [17] S. L. Woodward, I. M. I. Habbab, T. L. Koch, and U. Koren, “The Side-Mode-Suppression Ratio of a Tunable DBR Laser,” *IEEE Photo. Tech. Lett.*, vol. 2, pp. 854–856, Dec. 1990.
- [18] C. K. Gardiner, R. G. S. Plumb, P. J. Williams, and T. J. Reid, “Wavelength Tuning in Three Section Sampled Grating DBR Lasers,” *IEE Elect. Lett.*, vol. 31, pp. 1258–1260, Jul. 1995.
- [19] T. Liljeberg, R. Tohmon, E. Hall, P. Abraham, M. Focht, G. A. Fish, M. C. Larson, and L. A. Coldren, “High Power, Widely-Tunable Sampled Grating DBR Laser Integrated with a Semiconductor Optical Amplifier,” *IEEE Semiconductor Laser Conf.*, pp. 45-46, 2002.
- [20] J. E. Simsarian, A. Bhardwaj, J. Gripp, K. Sherman, Y. Su, C. Webb, L. Zhang, and M. Zirngibl, “Fast Switching Characteristics of a Widely Tunable Laser Transmitter,” *IEEE Photo. Tech. Lett.*, vol. 15, pp. 1038–1040, Aug. 2003.
- [21] C. Chan, K. L. Sherman, and M. Zirngibl “A Fast 100-Channel Wavelength-Tunable Transmitter for Optical Packet Switching,” *IEEE Photo. Tech. Lett.*, vol. 13, pp. 729–731, Jul. 2001.

- [22] B. Mason, J. Barton, G. A. Fish, L. A. Coldren, and S. P. Denbaars “Design of Sampled Grating DBR Lasers with Integrated Semiconductor Optical Amplifiers,” *IEEE Photo. Tech. Lett.*, vol. 12, pp. 762–764, Jul. 2000.
- [23] H. Ishii, H. Tanobe, F. Kano, Y. Tohmori, Y. Kondo, and Y. Yoshikum, “Broad-range Wavelength Coverage with Superstructure-Grating DBR laser,” *IEE Elect. Lett.*, vol. 32, pp. 454, Feb. 1996.
- [24] H. Ishii, H. Yasaka, H. Tanobe, and Y. Yoshikum, “Wavelength Stabilisation of a Three-electrode Distributed Bragg Reflector Laser with Longitudinal Mode Control,” *IEE Elect. Lett.*, vol. 33, pp. 494-496, Mar. 1997.
- [25] B. Hammond, B. Su, J. Mathews, E. Chen, and E. Schwartz, “Integrated Wavelength Locker for Tunable Laser Applications,” *Proc. of LEOS’02*, vol. 2, pp. 479-480, Nov. 2002.

