

## Reference

- [1] E. Yablonovitch, **Phys. Rev. Lett.** **58**, 2059-2062, 1987
- [2] S. John, **Phys. Rev. Lett.** **58**, 2486-2488, 1987
- [3] J.D. Joannopoulos, R. D. Meade and J. N. Winn, **Photonic Crystals—Molding the Flow of Light**, 1995
- [4] T. F. Krauss, and R. M. De La Rue, **Prog. Quantum Electron.** **23**, 51-96, 1999
- [5] Sharee J. McNab, Nikolaj Moll, and Yurii A. Vlasov, **Opt. Express** **11**, 2927-2939, 2003
- [6] A. Sharkawy, S. Shi, and D. W. Parther, **Opt. Express** **10**, 1048-1059, 2002
- [7] M. Soljačić, S. G. Johnson, S. Fan, M. Ibanescu, E. Ippen, and J. D. Joannopoulos, **Opt. Lett.** **19**, 2052-2059, 2002
- [8] Mehmet Bayindir and Ekmel Ozbay, **Opt. Express** **10**, 1279-1284, 2002
- [9] M. Koshiba, **J. Lightwave Technol.** **19**, 1970-1975, 2001
- [10] A. Sharkawy, S. Shi, and D. W. Parther, **Appl. Optics** **40**, 2247-2252, 2001
- [11] Lord Rayleigh, **Philosophical Magazine** **24**, 145-159, 1887
- [12] Lord Rayleigh, **Philosophical Magazine** **26**, 256-265, 1888
- [13] Joshua N. Winn, Yoel Fink, Shanhui Fan, and J. D. Joannopoulos, **Opt. Lett.** **23**, 1573-1575, 1998
- [14] Yoel Fink, Joshua N. Winn, Shanhui Fan, Chiping Chen, Jurgen Michel, J. D. Joannopoulos, and Edwin L. Thomas, **Science** **282**, 1679-1682, 1998
- [15] Z. M. Jiang, B. Shi, D. T. Zhao, J. Liu, and Xun Wang, **Appl. Phys. Lett.** **79**, 3395-3397, 2001
- [16] Kartik Srinivasan and Oskar Painter, **Opt. Express** **10**, 670-684, 2002
- [17] Tomoyuki Yoshie, Jelena Vučković, Axel Scherer, H. Chen, and Dennis Deppe, **Appl. Phys. Lett.** **79**, 4289-4291, 2001
- [18] Thomas F. Krauss, **Phys. Stat. Sol.** **197**, 688-702, 2003

- [19] H. Ichikawa and T. Baba, **Appl. Phys. Lett.** **84**, 457-459, 2004
- [20] S. Boscolo, M. Midrio, C. G. Someda, **IEEE J. Quantum Electron.** **38**, 47-53, 2002
- [21] T. Søndergaard and K. H. Dridi, **Phys. Rev. B** **61**, 688-696, 2000
- [22] V. N. Astratov, R. M. Stevenson, I. S. Culshaw, D. M. Whittaker, M. S. Skolnick, T. F. Krauss, and R. M. De La Rue, **Appl. Phys. Lett.** **77**, 178-180, 2000
- [23] M. Notomi, K. Yamada, A. Shinya, J. Takahashi, C. Takahashi, and I. Yokohama, **Phys. Rev. Lett.** **87**, 253902-1, 2001
- [24] Kanna Aoki, Hideki Hirayama and Yoshinobu Aoyagi, **RIKEN Review** **33**, 24-27, 2001
- [25] K. Aoki, H. T. Miyazaki, H. Hirayama, K. Inoshita, T. Baba, N. Shinya and Y. Aoyagi, **Appl. Phys. Lett.** **81**, 3122-3124, 2002
- [26] B P Zhang, G Isoya, T Yasuda, Y Ohfuti, C Y Liu and Y Segawa, **Nanotechnology** **15**, 698-702, 2004
- [27] K. Yee, **IEEE Transactions on Antennas and Propagation AP-14**, 302-307, 1966
- [28] Dennis M. Sullivan, **Electromagnetic Simulation Using the FDTD Method**, 2000
- [29] E. P. Cunningham, **Digital Filtering: An Introduction**, 1992
- [30] A. V. Oppenheim and R. W. Schaffer, **Digital signal Processing**, 1975
- [31] C. Kittel, **Introduction to Solid State Physics**, 1996
- [32] S. Kuchinsky, V. Y. Golyatin, A. Y. Kutikov, T. P. Pearsall and D. Nedeljkovic, **IEEE J. Quantum. Electron.** **38**, 1349-1352, 2002
- [33] A. Yariv, Y. Hu, R. K. Lee, and A. Scherer, **Opt. Lett.** **24**, 711-713, 1999
- [34] Mehmet Bayindir, B. Temelkuran, and E. Ozbay, **Phys. Rev. B** **61**, 855-858, 2000
- [35] Mehmet Bayindir and E. Ozbay, **Phys. Rev. B** **62**, 2247-2250, 2000
- [36] Mehmet Bayindir, B. Temelkuran, and E. Ozbay, **Phys. Rev. Lett.** **84**, 2140-2143, 2000
- [37] F. S.-S. Chien, Y.-J. Hsu, W.-F. Hsieh and S.-C. Cheng, **Opt. Express** **12**, 1119-1125, 2004
- [38] M.T. Tsai, **IEEE Proc.-Electr. Power Appl.** **147**, 192-198, 2000
- [39] M.T. Tsai and Charles Tsai, **IEEE Transactions on Industrial Electr.** **47**, 974-976, 2000
- [40] M.T. Tsai, T.J. Cheng and Charles Tsai, **IEEE 1999 International Conference on Power Electronics and Drive Systems, PEDS'99**, 291-296, July 1999, Hong Kong
- [41] C. H. Kim, C. H. Lee and Y. C. Chung, **IEEE Photonics Technol. Lett.** **10**, 1118-1120, 1998
- [42] Jeffrey Cross, Abelardo Lopez-Lagunas, B. Buchanan, L. Carastro, S. C. Wang, N. M.

Jokerst, S. Wills, M. Brooke and M. A. Ingram, **IEEE Photonics Technol. Lett.** **8**,  
**1385-1387, 1996**

