

Reference

- [1] J. D. Joannopoulos, R. D. Meade, and J. N. Winn, *Photonic crystals: the road from theory to practice*
- [2] E. Yablonovitch, *Phys. Rev. Lett.*, v.58, pp2059, 1987
- [3] S. John, *Phys. Rev. Lett.*, v.58, pp2486, 1987
- [4] C. M. Soukoulis, *Photonic crystals and light localization in the 21st century*
- [5] A. Mekis, J. C. Chen, I. Kurland, S. Fan, P. R. Villeneuve, and J. D. Joannopoulos, *Phys. Rev. Lett.*, v.77, pp2486, 1996;
- [6] J. Goldstone and R. L. Jaffe, *Phys. Rev. B* 45, pp100, 1992
- [7] S. G. Johnson, C. Manolatu, S. Fan, P. R. Villeneuve, J. D. Joannopoulos, and H. A. Haus, *Optics Lett.* 23, 1855, 1998
- [8] G. Kurizki and A. Z. Genack, *Phys. Rev. Lett.*, v.61, pp2269, 1988; R. J. Glauber and M. Lewenstein, *Phys. Rev. A.*, v.43, pp467, 1991; S. John, *Phys. Today*, v.44(5), pp32, 1991
- [9] E. Yablonovitch, *J. Opt. Soc. Am. B* 10, 283, 1993
- [10] M. Scalora, R. J. Flynn, S. B. Reinhardt, et al., *Phys. Rev. E*, v.54, pp2799, 1996
- [11] N. Bloembergen and A. J. Silevers, *Appl. Phys. Lett.*, v.17, pp483, 1970
- [12] J. Martorell, V. Rilaseca, and R. Corbalan, *Appl. Phys. Lett.*, v.70, pp702, 1997
- [13] M. Scalora, M. J. Bloemer, A. S. Manca, et al., *Phys. Rev. A*, v.56, pp3166, 1997
- [14] L. A. Golovan', A. M. Zheltikov, et al., *JETP Lett.*, v.69, pp300, 1999
- [15] K. M. Leung and Y. F. Liu, *Phys. Rev. B*, v.41, pp1088, 1990
- [16] S. Satpathy, Z. Zhang, and M. R. Salehpour, *Phys. Rev. Lett.* v.64, pp1239, 1990
- [17] K. M. Leung and Y. F. Liu, *Phys. Rev. Lett.*, v.65, pp2646, 1990
- [18] Z. Zhang and S. Satpathy, *Phys. Rev. Lett.*, v.65, pp2650, 1990
- [19] K. M. ho, C. T. Chan and C.M. Soukoulis, *Phys. Rev. Lett.*, v.65, pp3152, 1990

- [20] J. B. Pendry and A. MacKinnon, *Phys. Rev. Lett.*, v.69, pp2772, 1992
- [21] M. M. Sigalas, C. M. Soukoulis, E. N. Economou, C. T. Chan, and K. M. Ho, *Phys. Rev. B*, v.48, pp14121, 1993
- [22] D. R. Smith, S. Shultz, N. Kroll, M. M. Sigalas, C. M. Ho, and C. M. Soukoulis, *Appl. Phys. Lett.*, v.65, pp645, 1994
- [23] M. M. Sigalas, C. M. Soukoulis, C. T. Chan, and C. M. Ho, *Phys. Rev. B*, v.49, pp11080, 1994
- [24] E. Ozbay, A. Abeyta, G. Tuttle, M. C. Tringides, et al., *Optics Lett.*, v.19, pp1155, 1994
- [25] N. F. Johnson and P. M. Hui, *J. Phys.: Condnes. Matter*, v5, ppL355, 1993
- [26] N. F. Johnson and P. M. Hui, *Phys. Rev. B.*, v.48, pp10118, 1993
- [27] P. M. Hui, W. M. Lee and N. F. Johnson, *Solid State Commun.*, v91, pp.65, 1994
- [28] N. F. Johnson, P. M. Hui and K. H. Luk, *Solid State Commun.*, v90, pp.229, 1994
- [29] J. E. Sipe, *Phys. Rev. E.*, v.62, pp5672, 2000
- [30] M. C. Lefort, E. Istrate, M. Allard, J. Poon and E. H. Sargent, *Phys. Rev. B*, v.65, pp125318, 2002
- [31] E. Istrate, M. C. Lefort and E. H. Sargent, *Phys. Rev. B*, v.66, pp075121, 2002
- [32] E. Yablonovitch, T. J. Gmitter, R. D. Meade, A. M. Rappe, K. D. Brommer, and J. D. Joannopoulos, *Phys. Rev. Lett.*, v.67, pp3380, 1991
- [33] P. R. Villeneuve, S. Fan, and J. D. Joannopoulos, *Phys. Rev. B.*, v.54, pp7837, 1996
- [34] Kazuaki Sakoda. *Optical properties of photonic crystal*
- [35] John. D. Joannopoulos, Robert D. Meade, and Joshua N. Winn. *Photonic crystals- molding the flow of light*
- [36] C. M. Soukoulis, *Photonic band gaps and localization*
- [37] R. P. Leavitt, *Phys. Rev. B*, v.44, pp11271, 1991
- [38] D. M. Sullivan, *Electromagnetic simulation using the FDTD method*
- [39] A. Taflove and S. C. Hagness, *Computational electrodynamics: The finite-difference*

time-domain method

[40] N. I. Koroteev, S. A. Magnitskii, A. V. tarasishin, et al., *Optics Commun.*, v.159, pp191,

1999

[41] A. Yariv, P. Yeh, *Optical waves in crystal*

[42] P. Yeh, *Optical waves in layered media*