

Books/Book section addressing the content of my course

- [1] H. Benisty, J.-M. Gérard, R. Houdré, J. Rarity, and C. Weisbuch, Eds., *Confined Photon Systems : Fundamentals and Applications* (Lecture Notes in Physics. Heidelberg: Springer, 1999,
(Target some Chapters)
- [2] J.-M. Lourtioz, H. Benisty, V. Berger, J. M. Gérard, D. Maystre, and A. Tcheltnokov, *Photonic Crystals, Towards Nanoscale Photonic Devices*. Heidelberg: Springer, 2005.
- [3] H. Benisty and C. Weisbuch "Photonic crystals," in *Progress in Optics*. vol. 49, E. Wolf, Ed., ed Amsterdam: Elsevier, 2006, pp. 177-315.

General books on multilayers, waveguides, distributed feedback, basics of density-of-states, optoelectronics

- [4] A. Yariv, *Quantum Electronics*. New York: Wiley, 1989.
- [5] A. Yariv and P. Yeh, *Optical waves in crystals*. New York: Wiley, 1984.
- [6] L. A. Coldren and S. W. Corzine, *Diode lasers and photonic integrated circuits*. New-York: Wiley, 1995.
- [7] E. Rosencher and B. Vinter, *Optoélectronique*. Paris: Masson, 1997.
- [1] C. Weisbuch and B. Vinter, *Quantum Semiconductor Structures: Fundamentals and applications*. Boston: Academic Press, 1991.