

BIBLIOGRAFÍA

CAPÍTULO I

- [1] Eric Udd, "Fiber Optic Smart Structures", Proc. IEEE, vol. 84, p. 60, 1996.
- [2] J.S. Leng, A. Asundi. "Non-Destructive evaluation of smart materials by using extrinsic Fabry-Perot interferometric and fiber Bragg grating sensors", NDT&E Int 2002; 35: p. 273-276.
- [3] J.S. Leng, R. A. Barnes, A. Hameed, D. Winter, J. Tetlow, G.C. Mays, G. F. Fernando, "Structural NDE of concrete structures using protected EFPI and FBG sensors", sensors and actuators 2006; 126: p. 340-347.
- [4] Henry Zanger, Cynthia Zanger, "Fiber Optics Communication and others applications", Macmillan publishing Company, USA, 1991.
- [5] Surendra P. Shah, Kolluru V. Subramaniam & John S. Popovics, "Use of Nondestructive Ultrasonic Techniques for Material Assessment and in-Service Monitoring of Concrete Structures", NDT.net, Vol. 5, No. 02, 2000.
- [6] Álvarez M.; González T., "Estudio del método de la medida de la velocidad de propagación del sonido y su aplicación a edificios históricos" – Ingeniería Civil/94, 1994.

CAPÍTULO II

- [1] Marcelo Romo Proaño, "Temas de hormigón armado". Escuela Politécnica del Ejército, Ecuador.
- [2] Dickmann, Dr. W. Luhs, "Experiment 03 Fabry Perot Resonator", Didactic Counsellor, MEOS GmbH 79427 Eschbach – 1992/2003.

- [3] J.S. Leng, R. A. Barnes, A. Hameed, D. Winter, J. Tetlow, G.C. Mays, G. F. Fernando, "Structural NDE of concrete structures using protected EFPI and FBG sensors", Harbit Institute of technology, Royal Military College of Science, UK, 2005.
- [4] Cruz, P.J.S., León, A.D., "A new sensor for crack detection in concrete structures", sustainable bridges.
- [5] González Cuevas Oscar, Francisco Robles Fernández- Villegas, "Aspectos fundamentales del concreto reforzado", Tercera edición, Limusa, México, 1995.

CAPÍTULO III

- [1] J. Graeme, "Photodiode Amplifiers: Op Am Solutions". Mc Graw-Hill, 1996
- [2] Features photodiodes on silicon-base ФД-63, Agosto 2010 [Online]. Disponible. <http://www.quartz.cv.ua/products/product3.html>
- [3] RHYTHM Optoelectronics Inc., Agosto 2010 [Online] Disponible. <http://www.khalus.com.ua/data/chips/opto/rhythm-rus.pdf> 2002.
- [4] Bahaa E. A. Saleh, Malvin Carl Teich, "Fundamentals of Photonics", Wiley Series in Pure and Applied optics. De. J.W. Goodmann. Wiley Interscience. New York, 1991.
- [5] John M. Senior, "Optical Fiber Communications: Principles and Practice", Prentice Hall, 2a edición, 1992, Great Britain.
- [6] Nérou, Jean Pierre, "Introducción a las telecomunicaciones ópticas", México.
- [7] Jeff Hecht, "Understanding Fiber Optics", Segunda edición, SAMS Publising, USA 1993.