

DAFTAR PUSTAKA

- [1]. Robert W. Boyd, Daniel J. Gauthier, ““Slow” and “fast” light”, The institute of optics University of Rochester, New York 14627 USA, September 24, 2001.
- [2]. Joseph C. Palais, “Fiber optic communications”, 5th edition, Pearson Prantice Hall, 2005.
- [3]. Gerd Keiser, “Optical fiber communications”, Second edition, McGraw Hill Inc., 1991.
- [4]. Tapio Niemi, Maria Uusimaa, and Hanne Ludvigsen, “Limitations of phase-shift method in measuring dense group delay ripple of fiber bragg gratings”, IEEE Photonics Technology Letters, Vol. 13, No. 12, December 2001, pp. 1334 - 1336.
- [5]. Paul Hernday, “Measuring the group delay characteristics of narrow-band devices by the modulation phase shift method”, Agilent Technologies, Inc., 2002.
- [6]. P.A. Williams, A.J. Barlow, C. Mackechnie, and J.B. Schlager, “Narrowband measurements of polarization-mode dispersion using the modulation phase shift technique”, *Symposium on Optical Fiber Measurements (SOFM 1998)*, September 1998, pp. 23-26.
- [7]. Bruno Costa, Daniele Mazzoni, Mario Puleo, and Emilio Vezzoni, “Phase shift technique for the measurement of chromatic dispersion in optical fibers using LED’s”, IEEE Transactions on Microwave Theory and Techniques, Vol. MTT-30, NO. 10, October 1982, pp. 1497-1503.
- [8]. Tasshi Dennis and Paul A. Williams, “Relative group delay measurements with 0.3 ps resolution: toward 40 Gbit/s component metrology”, *Optical Fiber Communication Conf. (OFC 2002), Anaheim, California*, , Mar 2002, pp. 254-256.
- [9]. Agilent PNA Network Analyzers, “Using the PNA series to analyze lightwave components”, Agilent Technologies, Inc. Printed in USA, 5989-3385EN, June 2005.
- [10]. H.P. Uranus, L. Zhuang, CGH. Roeloffzen, and HJWM. Hoekstra, “Pulse transmission across a single optical ring-resonator with negative group velocity: theory and experiment”, Proc. Symposium of Nanophotonics, IEEE Photonics Global at Singapore 2008, Conf., 8-11 Dec. 2008, pp A-139-A142.
- [11]. H.P.Uranus and H.J.W.M. Hoekstra, “Modeling of loss-induced superluminal and negative group velocity in two-port ring-resonator circuits”, J. Light wave Technol., Vol. 25, No.9, 2007, pp 2376 – 2384.
- [12]. H. P. Uranus, L. Zhuang, CGH. Roeloffzen, and HJWM. Hoekstra, “Pulse advancement and delay in an integrated-optical two-port ring resonator circuit: direct experimental observations”, Optics Letters/Vol.32, No. 17, September 2007, pp. 2620-2622.
- [13]. Wikipedia.com (15 Februari 2009).
- [14]. H. P. Uranus, L. Zhuang, C.G.H. Roeloffzen, and H.J.W.M. Hoekstra, “Direct experimental observation of pulse temporal behavior in integrated-optical ring-resonator with negative group velocity”, post deadline paper

FPD, European Conf. on Integrated Optics (ECIO) 2007, Copenhagen Denmark, 25-26 April 2007.

- [15]. H.P. Uranus, and H.J.W.M. Hoekstra, "Numerical observation of negative group velocity in a two-port ring-resonator circuit and its potential for sensing applications", Proceeding Symposium IEEE/LEOS Benelux Chapter, Eindhoven, 2006.
- [16]. J.M. Benedickson, J.P. Dowling, and M. Scalora, "Analytic expressions for the electromagnetic mode density in finite, one-dimensional, photonic band-gap structure," Phys. Rev. E, Stut. Phys. Plasmus Fluids Reat Interdiscip. Top., vol.53, no. 4, pp.4107-4121, Apr. 1996.
- [17]. A. Agarwal, P. Toliver, R. Menendez, S. Etemad, J. Jackel, J. Young, T. Banwell, "Fully-programmable ring resonator based integrated photonic circuit for phase coherent applications", *Telcordia Technologies, Red Bank, NJ 07701 USA*, 2005.
- [18]. C. K. Madsen and J. H. Zhao, "Optical filter design and analysis: a signal processing approach", John Wiley and sons, 1999.
- [19]. H.P. Uranus, L. Zhuang, C.G.H. Roeloffzen, and H.J.W.M. Hoekstra, "Observing 'Back-to-the-future' phenomenon with photonic chip", Seminar on "Photonic: Theory, Technology and Application", 2008.
- [20]. Agilent Technologies, "Agilent 8753ET/ES, 8753ET AND 8753es Network Analyzer, 30 KHz to 3 or 6 GHz Data Sheet", Agilent technologies 5968-5160E, February 2001.