

\*葉弼群助理教授

所有發表期刊論文及研討會論文

**A. Journal papers.**

1. Bih-Chyun Yeh, Chien-Hung Lin, "A novel non-coherent spectral OCDMA system using one-dimensional expanded Hybrid codes for two-code keying," *Optik*, vol. 125, no. 1, pp. 389-392, 2014. (SCI)(Rank: 67/80)
2. Bih-Chyun Yeh, Chieng-Hung Lin, De-Nian Yang, "Universal optical line terminal encoding and decoding architecture in two-code keying for noncoherent spectral amplitude coding optical code division multiple access systems," *Optical Engineering*, vol. 53, no. 1, pp. 016104-1-016104-5, 2014.(SCI) (Rank: 54/80)
3. Bih-Chyun Yeh, Cheing-Hong Lin, and Jingshown Wu, "Non-Coherent Spectral/Spatial OCDMA System Using 2-D Hybrid Codes," *IEEE Journal of Optical Communications and Networking*, vol. 27, no. 9, Sep. 2010. (SCI)
4. Bih-Chyun Yeh, Cheing-Hong Lin, Chun-Liang Yang, and Jingshown Wu, "Non-Coherent Spectral/Spatial Optical CDMA System Using 2-D Diluted Perfect Difference Codes," *IEEE Journal of Lightwave Technology*, vol. 27, no. 13, pp. 2420-2432, July 2009. (SCI)
5. Bih-Chyun Yeh, Cheing-Hong Lin, and Jingshown Wu, "Noncoherent Spectral/Time/Spatial Optical CDMA System Using 3-D Perfect Difference Codes," *IEEE Journal of Lightwave Technology*, vol. 27, no. 6, pp. 744-759, Mar. 2009. (SCI)
6. Shyh-Lin Tsao, Jingshown Wu, and Bih-Chyun Yeh, "High-resolution neural temperature sensor using fiber Bragg gratings," *IEEE Journal of Quantum Electronics*, vol. 35, no. 11, pp. 1590-1596, Nov. 1999. (SCI)

## **B. Conference Papers**

1. Shyh-Lin Tsao, Jingshown Wu, and Bih-Chyun Yeh, "A fiber Bragg grating temperature sensor with artificial neural networks," in *Proc. 13th Int. Conf. Optical Fiber Sensors*, Kyongju, Korea, pp. 438–441, 1999. (SCI)