

Publication List

(A) 期刊論文

1. **Jiun-You Lin**, and Der-Chin Su, "A new type of optical heterodyne polarimeter," *Meas. Sci. Technol.* **14**, 55-59 (2003)
2. **Jiun-You Lin**, and Der-Chin Su, "A new method for measuring the chiral parameter and the average refractive index of a chiral liquid," *Opt. Commun.* **218**, 317-323 (2003)
3. **Jiun-You Lin**, Kun-Huang Chen, and Der-Chin Su, "Improved method for measuring small optical rotation angle of chiral medium," will be published in *Opt. Commun.*
4. Cheng-Chih Hsu, **Jiun-You Lin**, Kun-Huang Chen, and Der-Chin Su, "Simultaneous determination of the refractive index and thickness of thick weakly absorbing film and non-absorbing substrate," was submitted to *Optical Engineering*.
5. **Jiun-You Lin**, Jing-Heng Chen, Kung-Huang Chen, and Der-Chin Su, "An alternative method for measuring the optical rotation angle of a scattered chiral medium," paper in preparing.
6. Kun-Huang Chen, **Jiun-You Lin**, and Der-Chin Su, "Comparison of Kretschmann-Raether angular and thickness regimes with phase-difference shift for measuring changes in refractive index," paper in preparing.

(B) 研討會論文

1. **林俊佑**, 邱銘宏, 卓聖芬, 王信福, "Small displacement measurements based on total-internal reflection heterodyne interferometry", 1999 台灣光電科技研討會, 中壢, 1999年12月, 1123-1126.
2. Ming-Horng Chiu, **Jiun-You Lin**, and Der-Chin Su, "Small Displacement Based on Total Internal Reflection Heterodyne Interferometer", International Symposium on Intelligent Systems and advanced manufacturing, Boston, USA, Sep. 1999, SPIE 3835, 32-38.

3. **Jiun-You Lin**, Ju-Yi Lee, and Der-Chin Su, “A Common-path Heterodyne Polarimeter with an Electro-optic Modulator”, 2000 International Photonics Conference, Hsinchu, Taiwan, R.O.C., Dec. 2000, Proceedings, 710-712.
4. Der-Chin Su, Cheng-Chin Hsu, **Jiun-You Lin**, and Ju-Yi Lee, “A Method for Measuring the Rotatory Power of a Chiral Medium”, International Symposium on Photonics and Applications, Singapore, Nov. 2001, SPIE 4597, 28-35.
5. **林俊佑**，蘇德欽，“測量對掌性物質之旋轉參數及平均折射率的新方法”，2001 台灣光電科技研討會，高雄，2001 年 12 月，845-848.
6. **林俊佑**，蘇德欽，“新型光學外差偏光計”，2002 台灣光電科技研討會，台北市，2002 年 12 月，論文 292-294.
7. **Jiun-You Lin**, Kun-Huang Chen, and Der-Chin Su, ” An alternative method for measuring the chiral parameter and the average refractive index of a chiral liquid”, 3th International Conference on Laser Applications and Optical Metrology, Delhi, India, Dec. 2003, Proceeding, 326-330.
8. Kun-Huang Chen, **Jiun-You Lin**, and Der-Chin Su, ” A new type of sensor for measuring the small refractive index difference of solutions”, 3th International Conference on Laser Applications and Optical Metrology, Delhi, India, Dec. 2003, Proceeding, 527-531.
9. 陳坤煌、**林俊佑**、蘇德欽，”使用測量表面電漿共振相位差應用的最佳條件探討” 2003 台灣光電科技研討會，台北市，2003 年 12 月，論文集 565-567.
10. Der-Chin Su, Kun-Huang Chen, and **Jiun-You Lin**, ” Surface plasmon resonance heterodyne interferometry for measuring physical parameters”, Photonics 2004, France, Strasbourg, Apr. 2004, SPIE.