

## 期刊論文

1. Benjamin Y. J. Tan, Hsueh-Hsing Hung\*, and G. Chern, *Synchrotron X-ray Analysis of the MBE-Grown Fe<sub>3</sub>O<sub>4</sub> Epilayer on MgO (001)*. , Chinese J. Phys , 43 , 481-490 . , 2005 年
2. Wei-Der Chang, Hsueh-Hsing Hung\*, Tang-Eh Dann, Tung-Wuu Huang, and Shiou-Yun Wu, *X-ray Reflectivity and Total-Reflection Fluorescence Analysis of Amorphous SiO<sub>2</sub>/Ta<sub>2</sub>O<sub>5</sub> Thin Films*. , Chinese J. Phys , 42 , 607-618 . , 2004 年
3. Zeming Qi\*, Chaoshu Shi, Guobin Zhang, Zhengfu Han and H.-H. Hung, *Preparation and characterization of nanocrystalline Gd<sub>2</sub>SiO<sub>5</sub>: Ce*. , , phys. stat. sol. (a) , 195 , 311-316 . , 2003 年
4. T. J. Lee, C. F. Huang, C. C. Teo, T. S. Khor, H. C. Ku, K. Y. Yeh, Y. Huang, H.-H. Hung, Kiwako Sakabe, and Noriyoshi Sakabe, *X-ray Structure Analysis of Bi<sub>2</sub>212 Using Synchrotron Source and High Dynamic Range Imaging Plate Detector*. , Chinese J. Phys , 38 , 241-261 . , 2000 年
5. Yu-Han Cheng, Yun-Liang Soo, Shiwen Huang, George Kioseoglou, Soon-Seok Kim, Yi-Han Kao, Bae-Heng Tseng, H.-H. Hung, Tang-Eh Dann, and Huey-Liang Hwang, *Comments on surface studies and surface alteration of CuInSe<sub>2</sub> polycrystalline thin films*. , Jpn. J. Appl. Phys , 39 , Suppl. 39-1 , 379-381 . , 2000 年
6. Hsueh-Hsing Hung, *Remarks on the Geometric Parameters in Describing Diffraction Optics of Asymmetric Bragg Crystal*. , J. Appl. Cryst , 28 , 655-658 . , 1995 年
7. Steven B. Rivers, W. N. Unertl, Hsueh-Hsing Hung, and Keng S. Liang, *Order-Disorder Transition at the (001) Surface of a 3 at.%-Au-rich Cu<sub>3</sub>Au Crystal*. , Phys. Rev. B , 52 , 12601-12613 . , 1995 年
8. Tsai-Sheng Gau, Shih-Lin Chang, Hsueh-Hsing Hung, Chih-Hao Lee, Tung-Wuu Huang, et al., *Direct Observation of the Interface Structure of the Thin Yba<sub>2</sub>Cu<sub>3</sub>O<sub>x</sub> Film (<500Å) Deposited on SrTiO<sub>3</sub>(001) Utilizing Grazing Incidence X-ray Diffraction*. , Appl. Phys. Lett , 65 , 1720-1722 . , 1994 年
9. Hsueh-Hsing Hung and Shih-Lin Chang, *Unified Formulation of X-Ray Diffraction and Refraction*. , Europhys. Lett , 23 , 415-420 . , 1993 年
10. Hsueh-Hsing Hung, *Relation of the Poynting Vector Normal to the Dispersion Surface*. , Acta Cryst A , 49 , 793-794 . , 1993 年
11. Hsueh-Hsing Hung, *Exact Formulation of In-Plane Diffraction at Grazing Incidence*. , phys. stat. sol. (a) , 138 , K1-K4 . , 1993 年
12. Hsueh-Hsing Hung, *Angle Calculations for a Vertical Axis X-ray Diffractometer*. , J. Appl. Cryst , 25 , 761-765 . , 1992 年

13. Hsueh-Hsing Hung and Shih-Lin Chang, *Theoretical Considerations on Two-Beam and Multi-Beam Grazing-Incidence X-ray Diffraction: Nonabsorbing Cases.*, Acta Cryst A, 45, 823-833, 1989 年
14. Shih-Lin Chang, Hsueh-Hsing Hung, S.-W. Luh, H.-H. Pan, M.-C. Tang, and J. M.Sasaki, *Phase Determination Using High-Order Multiple Diffraction of X-rays.*, Acta Cryst A, 44, 63-70, 1988 年

#### 專書

1. Y.C Jean, H.-H. Hung, C.H. Hsu, M.T. Tang, J.F. Lee, L.Y. Jang, H.Y. Lee, H.S. Sheu, C.Y. Liu, S.W. Yang, C.H. Lee, Y. Wang, & S.L. Chang, *Commissioning Report of SRRC Wiggler Backup Beamline*, 1995 年
2. 科學方法新論, 第四章 熱是物質嗎。桂冠新知叢書, 33。 *How We Know: An Exploration of the Scientific Process*, by Martin Goldstein and Inge F., Goldstein, 1980, 1993 年

#### 研討會論文

1. H.-H. Hung, *X-ray Characterization of Thin Films at SRRC.*, in the 4th ROC-Japan Joint Seminar on Crystallography Conf. Proc, 281-288, 1996 年
2. S.B. Rivers, W.N. Unertl, H.-H. Hung, and K.S. Liang, *Kinetics of Surface Ordering on Au-rich Cu<sub>3</sub>Au(001).*, MRS Symp. Proc, 205, 145-151, 1992 年
3. K.S. Liang, H.-H. Hung, S.L. Chang, Z. Fu, S.C. Moss, and K. Oshima, *Surface-Induced Order Observed on a Cu<sub>3</sub>Au(001) Surface.*, Surface X-ray and Neutron Scattering, Springer Proc. in Physics, 61, 65-67, 1992 年
4. H.-H. Hung, S.L. Chang, and K.S. Liang, *Grazing Incidence of X-ray Diffraction: Theory and Applications.*, in the 5th Asia Pacific Physics Conf. Proc, 1992 年
5. H.-H. Hung, S.B. Rivers, and K.S. Liang, *Synchrotron X-ray Studies of Surface Effects on the Order-Disorder Transition of Cu<sub>3</sub>Au.*, in Kinetics of Ordering Transformations in Metals, 185-193 (TMS Conf. Proc.), 1992 年
6. B. Abeles, Q. Zhang, H.-H. Hung, K.S. Liang, H. Ohtani, S.K. Behal, M.M. Disko, W.A. Lanford, M. Gadenne, and P. Gadenne, *Structure of Au-Al<sub>2</sub>O<sub>3</sub> Granular Metal Films.*, MRS Symp. Proc, 237, 171-174, 1992 年
7. H.-H. Hung, K.S. Liang, C.H. Lee, and T.-M. Lu, *Microstructure of Epitaxial Al(111)/Si(111) Films Studied by Synchrotron Grazing Incidence X-ray Diffraction.*, MRS Symp. Proc, 202, 301-304, 1991 年