

ホームページ : <http://www.sssj.org/ejsnt> 電子メール : ejssnt@sssj.org

J-Stage アーカイブ : <http://www.jstage.jst.go.jp/browse/ejsnt/>

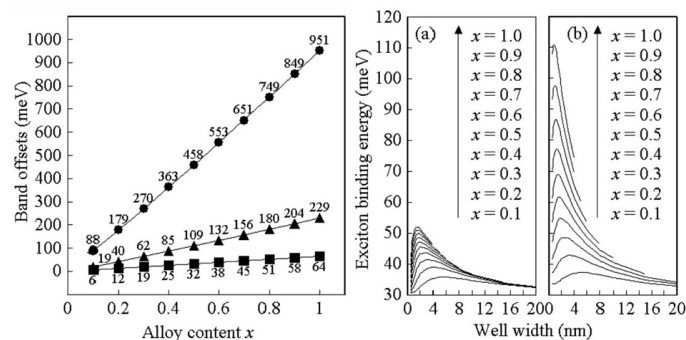
量子井戸の中での励起子の束縛エネルギー

Effect of Dielectric Mismatch on Exciton Binding

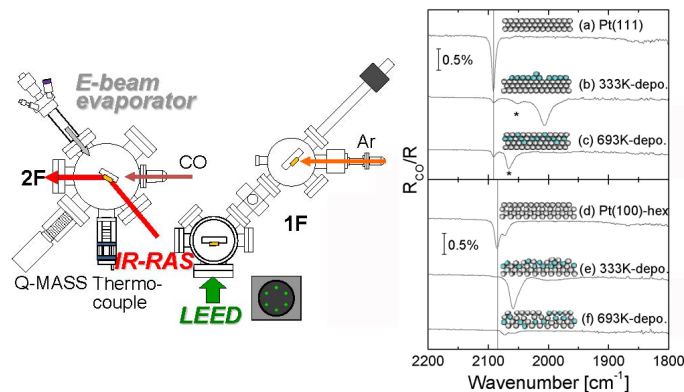
Energy in ZnS/MgxZn1-xS Quantum Wells

(Regular Paper) Chikara Onodera and Masaaki Yoshida

Vol. 8, pp. 145-151 (10 April, 2010)



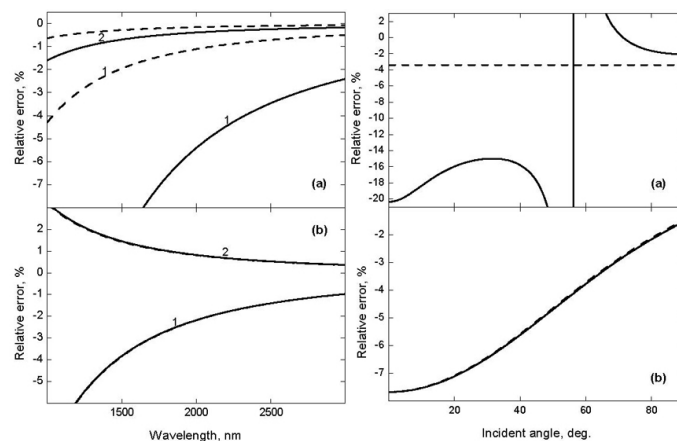
Wadayama, Vol. 8, pp. 161-167 (17 April, 2010)



異方的誘電薄膜の光学定数

Reflection Characterization of Nanoscopically Stratified Surface Structures and Optical Probing of Anisotropic Nanolayers (Conference- ACSIN-10-)

Peep Adamson, Vol. 8, pp. 167-173, (17 April, 2010)



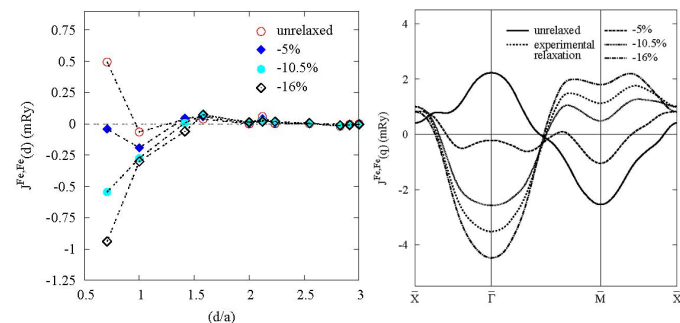
鉄モノレイヤーが反強磁性を示す

Antiferromagnetic Ordering in the Fe(001) Monolayer Mediated by the Ir Substrate (Conference- ACSIN-10-)

Frantisek Maca, Vaclav Drchal, Ilja Turek, Oliver Bengone,

Josef Redinger and Josef Kudrnovsky,

Vol. 8, pp. 152-156 (10 April, 2010)

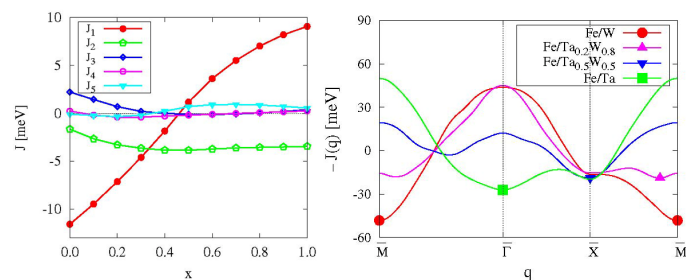


アモルファル基板上的モノレイヤー鉄の磁性

Exchange Interactions in the Bcc Fe/TaW(001) System (Conference- ACSIN-10-)

Vol. 8, pp. 157-160 (10 April, 2010)

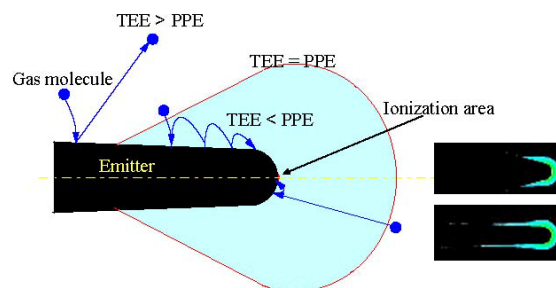
V. Drchal, M. Ondracek, J. Kudrnovsky, O. Bengone, I. Turek and F. Maca



イオンビーム・エミッターの最適形状

Proposal for Emitter Shape to Obtain Higher Ion Current of Gas Field Ion Source (Conference- ALC'09)

Y. Sugiyama, Y. Kobayashi, Y. Morikawa, K. Kajiwara and K. Hata, Vol. 8, pp. 174-177 (24 April, 2010)



合金表面の触媒作用

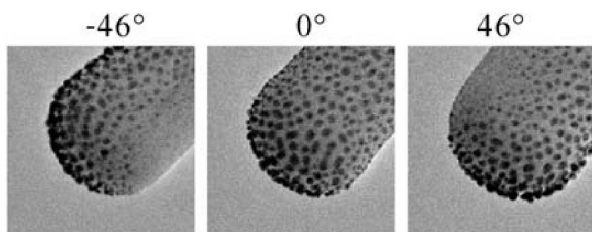
Carbon Monoxide Adsorption on Cobalt-Deposited Platinum Single Crystal Surfaces Investigated by IR Reflection-Absorption and Low-Energy Electron Diffraction (Conference- ACSIN-10-)

H. Yoshida, K. Ogawa, N. Todoroki, Y. Yamada and T.

自動TEMトモグラフィー

Towards Automatic Electron Tomography for Rod-Shaped Specimen (Conference- ALC'09)

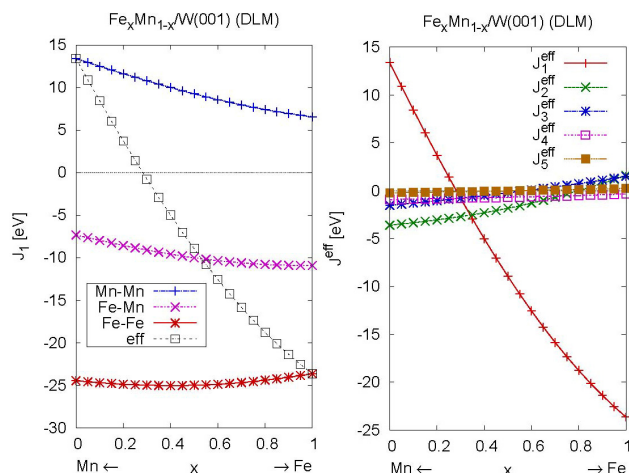
Misa Hayashida, Yoshihide Kimura and Toshiyuki Fujimoto, Vol. 8, pp. 178-183 (24 April, 2010)



Fe-Mn合金モノレイヤーの磁性

Disorder-Induced Antiferromagnetic to Ferromagnetic Transition in Magnetic Overlayers: (Fe,Mn)/W(001) as a Case Study (Conference- ACSIN-10-)

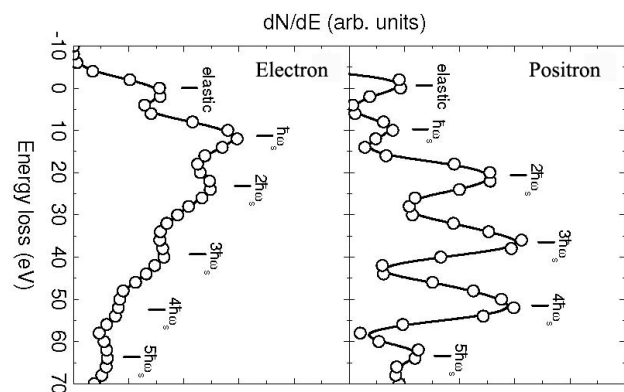
Josef Kudrnovsky, Martin Ondracek, Olivier Bengone and Frantisek Maca, Vol. 8, pp. 184-189 (24 April, 2010)



反射高速陽電子ビームで表面プラズモンを励起
Surface Plasmon Excitation at Topmost Surface in Reflection High-Energy Positron Diffraction

(Regular Paper) Vol. 8, pp. 190-193 (24 April, 2010)

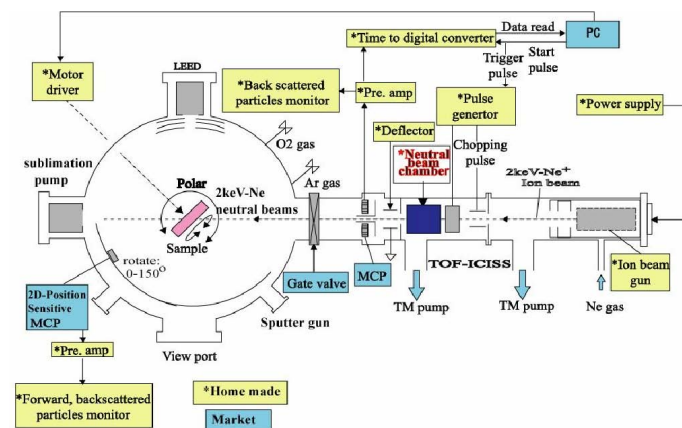
Y. Fukaya, A. Kawasuso and A. Ichimiya,



TOF型原子線散乱分光で絶縁体表面を解析

The Systems of TOF-low Energy Ne Scattering Spectroscopy for Insulator (Conference -ALC'09-)

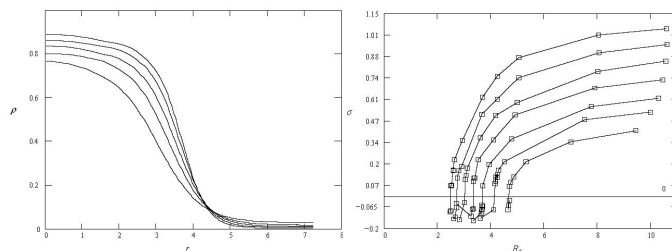
Kenji Umezawa, Vol. 8, pp. 194-196 (1 May, 2010)



ナノメタ・スケールの水滴の表面張力

The Problem of Surface Tension Definition of Nanodrops (Conference- ACSIN-10-)

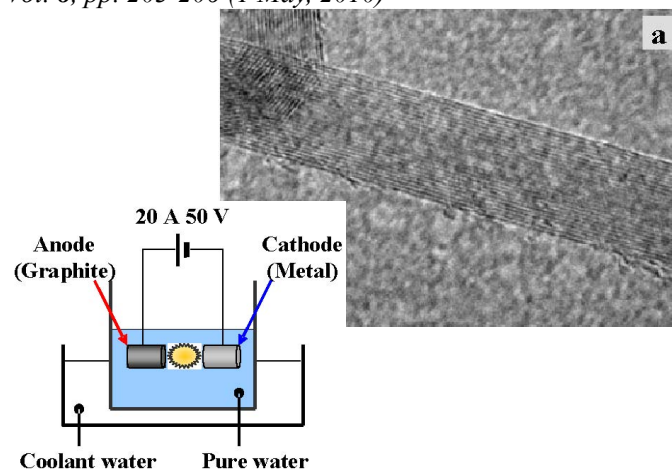
Georgy V. Kharlamov, Andrey A. Onischuk, Peotr A. Purtoy, Sergey V. Vosel and Alexey V. Bolesta, Vol. 8, pp. 197-202 (1 May, 2010)



水中アーク放電でカーボンナノチューブを作る

Carbon Nanotube Synthesis by Arc Discharge in Water Using Metal Cathodes (Conference- ALC'09-)

Takio Kizu, Shinya Aikawa and Eiichi Nishikawa, Vol. 8, pp. 203-206 (1 May, 2010)

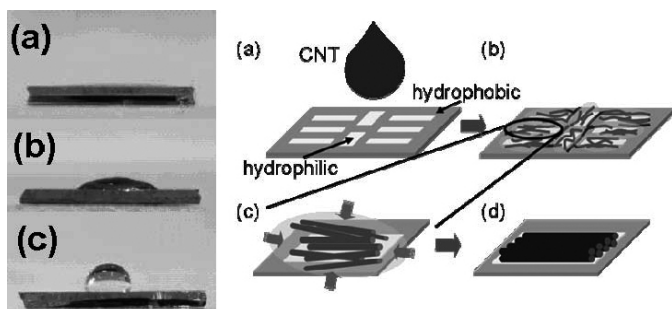


親水性・疎水性パターニングでCNTの方向をそろえる

Fabrication of Directionally Aligned Carbon Nanotube Thin Films on Solid Surfaces Using Chemical Patterns

(Regular paper) Vol. 8, pp. 207-210 (8 May, 2010)

K. Takanishi, T. Isono, T. Oya, and T. Ogino



気体分子の吸着解離をMDでシミュレート

A Molecular Dynamics Study for the Dissociation Phenomena of Gas Molecule on Metal Surface

(Conference -ACSIN-10-) Vol. 8, pp. 211-216 (8 May, 2010)

T. Tokumasu and D. Ito

