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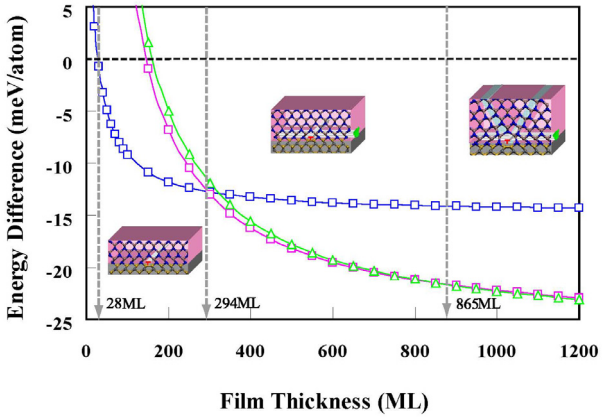
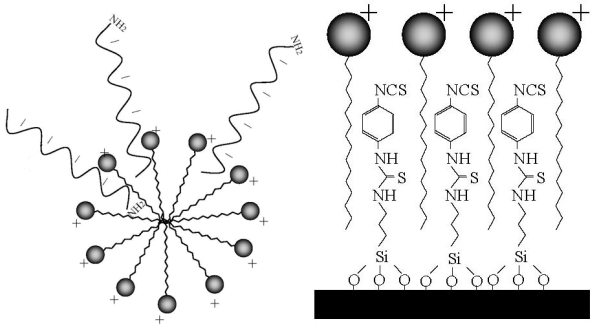
ＧａＮ 薄膜の構造安定性の理論

Theoretical investigation of the structural stability of zinc blende GaN thin films (Conference –ISSS-4-)
Tatsuya Araki, Toru Akiyama, Kohji Nakamura, and Tomonori Ito, Vol. 3, pp. 507-510 (27 December, 2005)



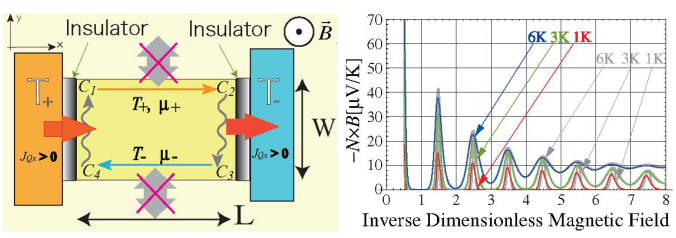
共有結合による単鎖ＤＮＡの高効率固定化

Highly Efficient and Uniform Single Stranded DNA Immobilization Using a Phase-Transfer Catalyst (Conference –ISSS-4-)　*Miwako Nakahara, Takashi Inoue, Akio Yamane, Toshiaki Ito, Osamu Kogi, and Noriko Ban, Vol. 3, pp. 511-517 (27 December, 2005)*



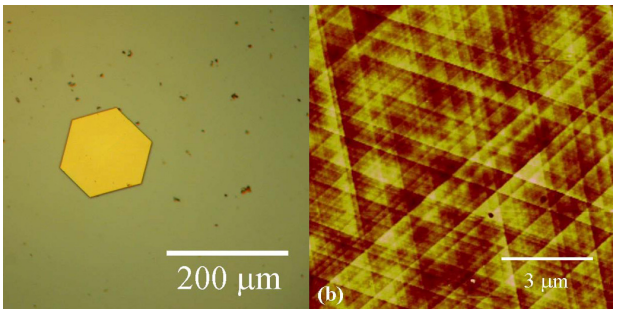
２次元電子ガス系の Nernst 効果と Seebeck 効果

Impurity Effect in the Quantum Nernst Effect (Conference –ISSS-4-)
Ryoen Shirasaki, Hiroaki Nakamura, Naomichi Hatano, Vol. 3, pp. 518-523 (27 December, 2005)



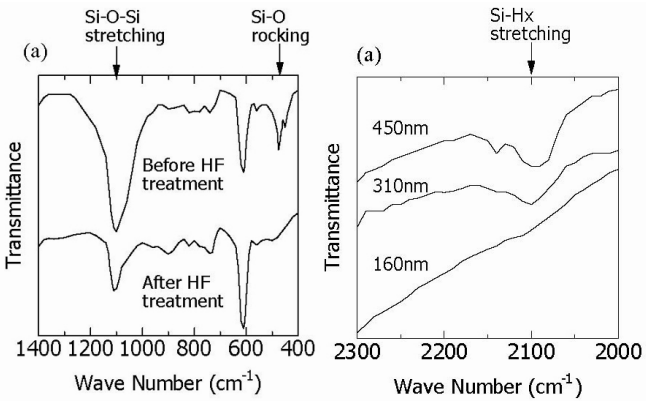
金 (111) 単結晶プレート作成の新手法

Production method of gold single crystal with high quality and large grain size and its application to a SPM substrate (Conference –ISSS-4-)
Nobuki Yoshimatsu, Takehiko Kawasaki, Kazuhiro Ban, Takao Kusaka, and Tsutomu Ikeda, Vol. 3, pp. 524-526 (29 December, 2005)



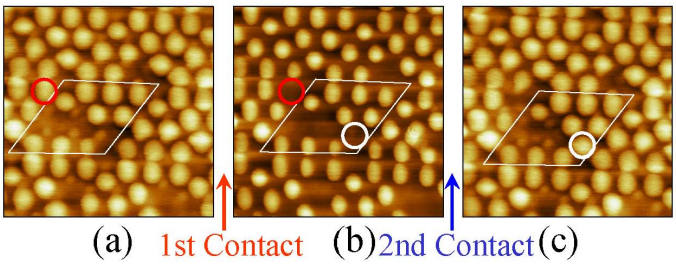
酸素終端Ｓｉナノ結晶を水素終端に置換

H-Termination of Nanocrystalline Si:O Films by HF Solution Treatment (Conference –ISSS-4-)
Makoto Hirata, Kazuhiro Nakamura, Katsuhiro Yokota, Vol. 3, pp. 527-530 (29 December, 2005)



ＡＦＭによる単一原子操作

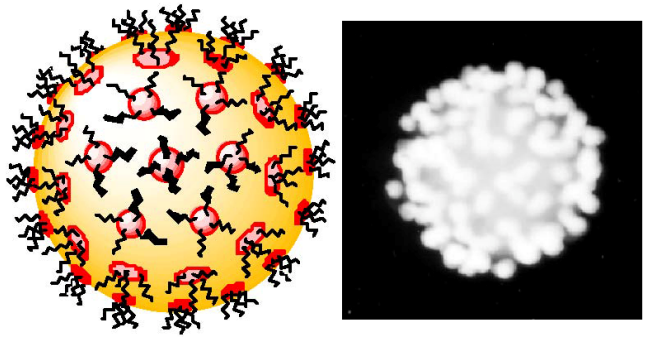
Mechanical Atom Manipulation and Artificial Nanostructuring at Low Temperature (Conference –ISSS-4-)
Noriaki Oyabu, Oscar Custance, Masayuki Abe, and Seizo Morita, Vol. 4, pp. 1-8 (12 January, 2006)



生化学輸送のラベルとしてのコロイドナノ粒子

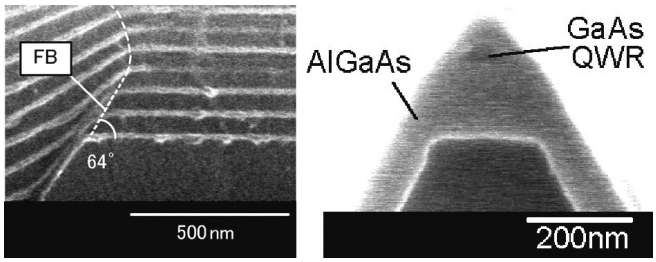
Designing Plasmonic Nanomaterials as Sensors of

Biochemical Transport (Conference –ISSS-4-)
Alexander Wei,
Vol. 4, pp. 9-18 (12 January, 2006)



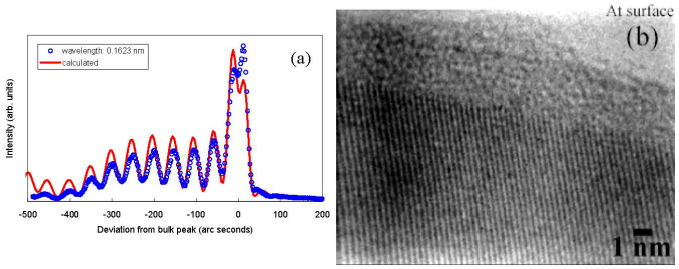
GaAs 三角ナノワイヤの成長

Growth Simulation and Actual MBE Growth of Triangular GaAs Nanowires on Patterned (111)B Substrates (Conference –ISSS-4-)
Isao Tamai, Taketomo Sato, Hideki Hasegawa, and Tamotsu Hashizume, Vol. 4, pp. 19-24 (12 January, 2006)



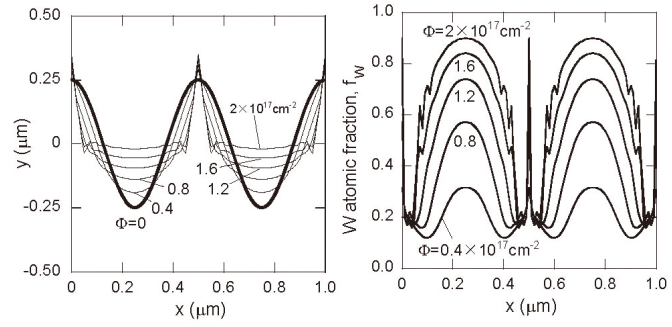
イオン注入によるひずみを非対称X解回折で観る

Strain distribution due to ion implantation revealed by extremely asymmetric x-ray diffraction
(Conference –ISSS-4-)
T. Emoto, K. Akimoto, K. Ito, J. Ghatak and P. V. Satyam, Vol. 4, pp. 25-31 (12 January, 2006)



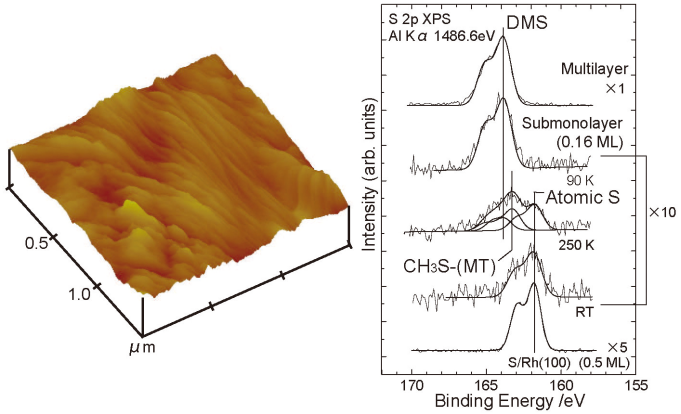
イオン蒸着・スパッタリングのダイナミカル・モンテカルロシミュレーション

Dynamic Monte Carlo Simulation of Compositional and Topography Changes Induced by Ion Beam Irradiation
(Conference –ISSS-4-) *Kensuke Inai and Kaoru Ohya, Vol. 4, pp. 32-38 (12 January, 2005)*



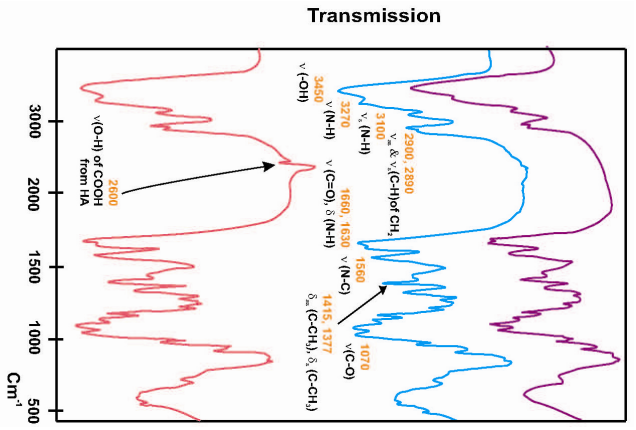
Ｒｈ表面での"硫黄汚染"を観る

Adsorption behavior of $(CH_3)_2S$ on sputtered and annealed Rh(100) surface by AFM, XPS and NEXAFS (Conference –ISSS-4-)
T. Nomoto, S. Yagi, K. Soda, G. Kutluk, H. Sumida, E. Hashimoto, and M. Taniguchii, Vol. 4, pp. 39-45 (12 January, 2006)



Humic Acid による環境浄化

A New Type of Adsorbent Based on the Immobilization of Humic Acid on Chitin and Its Application to Adsorb Cu(II) (Conference –ISSS-4-)
Sri Juari Santosa, Siti Sundari, Sri Sudiono, and W. H. Rahmanto, Vol. 4, pp. 46-52 (12 January, 2006)



ひずみ InGaAs ヘテロ層の平衡相

Surface-phase equilibria in MBE of strained In1-xGaxAs heteroepitaxcial layers
(Conference –ISSS-4-)
O. P. Chikalova-Luzina and N. N. Ledentsov, Vol. 4, pp. 53-57 (12 January, 2006)