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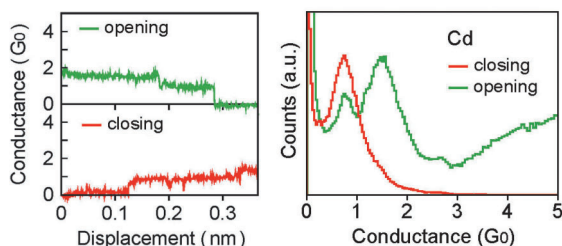
接点を閉じる時に単原子接触が形成

Formation and Conductance of Cd and Ti Single-Atom Contacts at Room Temperature

(Conference -ACSIN-12&ICSPM21-)

Vol. 12, pp. 1-5 (January 18, 2014)

Toshiki Horiuchi, Atsushii Takahashi, Shu Kurokawa, Akira Sakai



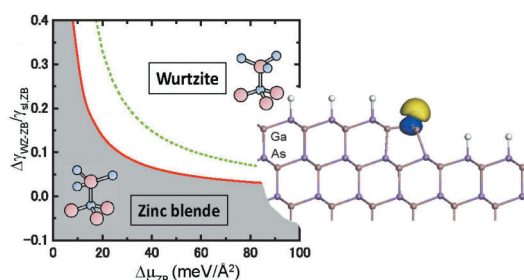
ドーピングで半導体ナノワイヤの結晶構造を制御

Doping Effects on Polytypism in Semiconductor Nanowires: A First-Principles Study

(Conference -ACSIN-12&ICSPM21-)

Vol. 12, pp. 18-22 (January 31, 2014)

Toru Akiyama, Tomoki Yamashita, Kohji Nakamura, Tomonori Itoi



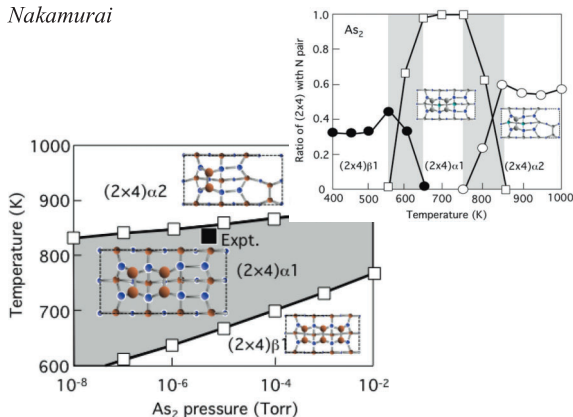
GaAs への窒素ドーピング; 表面吸着構造

Ab initio-Based Approach to N-pair Formation on GaAs(001)-(2×4) Surfaces-

(Conference -ACSIN-12&ICSPM21-)

Vol. 12, pp. 6-10 (January 31, 2014)

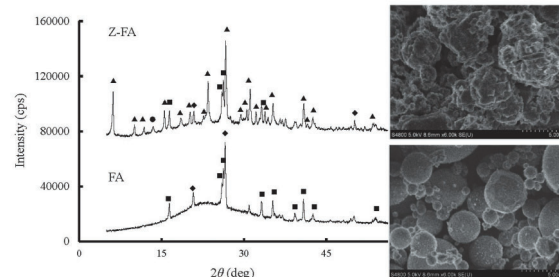
Tomonori Ito, Tatsuhiko Sugitani, Toru Akiyama, Kohji Nakamura



石炭火力発電所から出る灰からゼオライトを作る Zeolite X Produced by Hydrothermal Treatment of Fly Ash in an Alkaline Solution (Regular Paper)

Vol. 12, pp. 23-25 (February 8, 2014)

Fumihiko Ogata, Yuka Iwata, Naohito Kawasaki



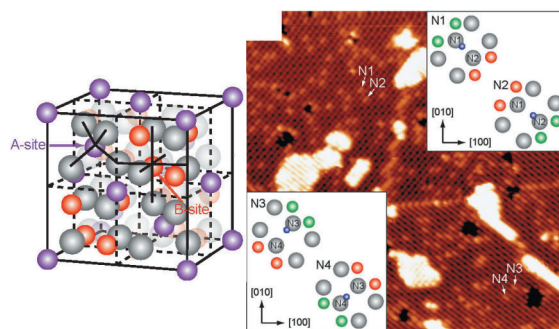
スピン偏極増強表面 H-Fe3O4(001)の原子配列

Scanning Tunneling Microscopy Study of an Altered Fe3O4(001) Thin Films Surface by Hydrogen Adsorption

(Conference -ACSIN-12&ICSPM21-)

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Satoshi Hiura, Akira Ikeuchi, Soraya Shirini, Agus Subagyo, Kazuhisa Sueokai



励起された電子エネルギーのナノ構造間での移動

Electronic Excitation Energy Transfer Between Quasi-Zero- Dimensional Systems

(Conference -ACSIN-12&ICSPM21-)

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Karel Král, Miroslav Menšík, Huibing Mao

