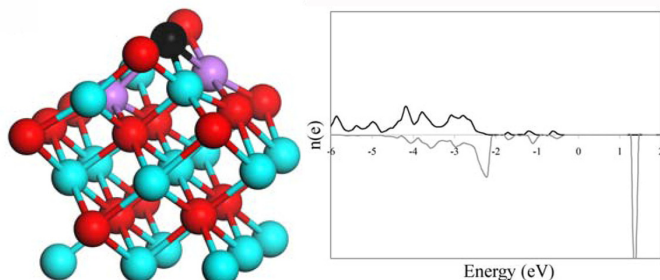


ホームページ : <http://www.sssj.org/ejsnt> 電子メール : ejssnt@sss.jst.go.jp

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

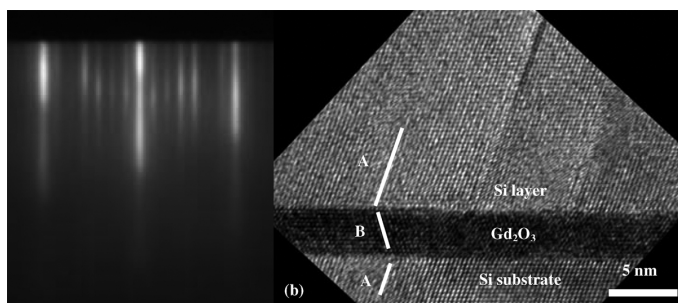
Li ドープMgO : ガス輸送のための触媒

Competing defect mechanisms and hydrogen adsorption on Li-doped MgO low index surfaces: A DFT+U study (Conference-ICSFS-14-) Vol. 7, pp. 395-404 (4 April, 2009)
D. O. Scanlon, A. Walsh, B. J. Morgan, and G. W. Watson



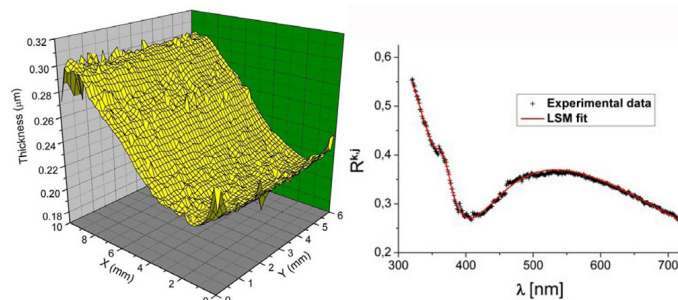
希土類金属酸化物上での Si のエピ成長

Development of multi-step procedure for epitaxial growth of crystalline silicon on rare-earth-metal oxide for SOI-applications (Conference-ICSFS-14-)
R. Dargis, A. Fissel, E. Bugiel, D. Schwendt, T. Wietler, A. Laha, and H. J. Osten, Vol. 7, pp. 405-408 (4 April, 2009)



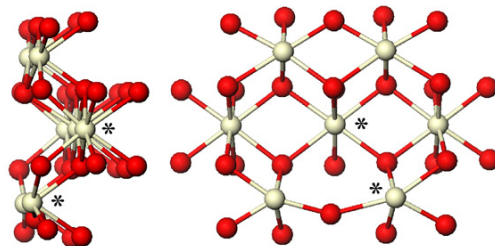
イメージング反射分光法による SiO_x 膜の観察

Complete optical characterization of non-uniform SiO_x thin films using imaging spectroscopic reflectometry (Conference- ICSFS-14-)
Miloslav Ohlidal, Ivan Ohlidal, David Ne.cas, and Petr Klapetek, Vol. 7, pp. 409-412 (4 April, 2009)



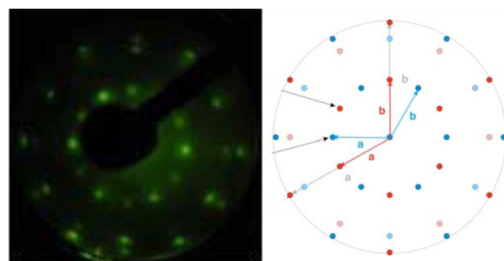
CeO₂ 表面での原子間ポテンシャル

Testing Interatomic Potentials for QM/MM Embedded-Cluster Calculations on Ceria Surfaces (Conference- ICSFS-14-)
Vol. 7, pp. 413-420 (4 April, 2009)
Natasha M. Galea, David O. Scanlon, Paul Martin, and Graeme W. Watson



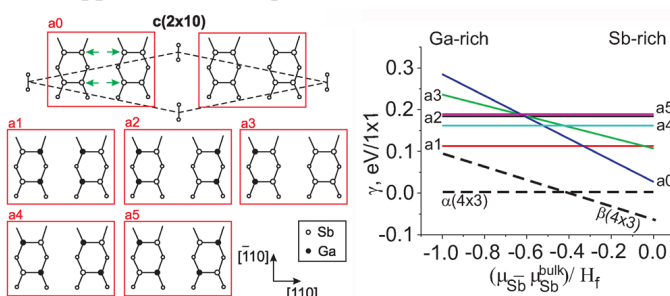
白金結晶上でのセリウムと白金の表面合金

Pt_xCe_{1-x} Surface Alloys on Pt(111): Structure and Adsorption (Conference-ICSFS-14-)
Vol. 7, pp. 421-428 (4 April, 2009)
Jan Markus Essen, Conrad Becker, and Klaus Wandelt



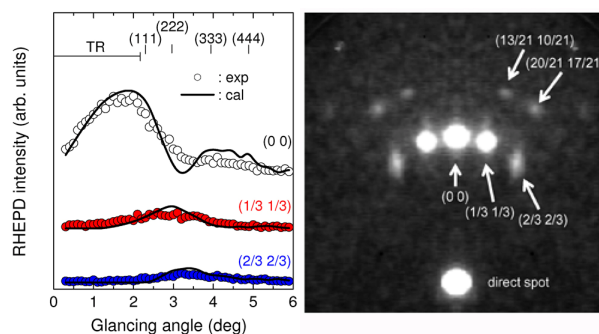
キネティクスで安定化されている表面構造

Ab initio study of GaSb(001)-c(2×10) and (2×10) reconstructions (Conference-ICSFS-14-)
Oleksandr Romanyuk, Wolfgang Braun, and Frank Grosse, Vol. 7, pp. 429-431 (4 April, 2009)



すべての $\sqrt{21} \times \sqrt{21}$ 表面構造は同じ

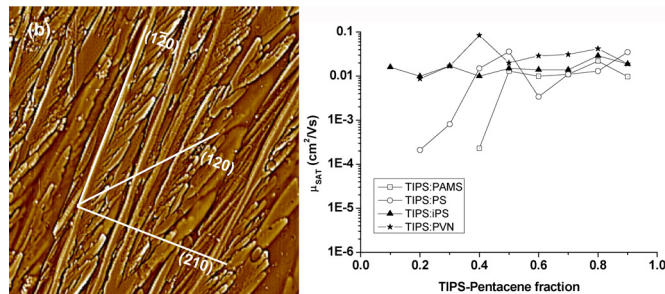
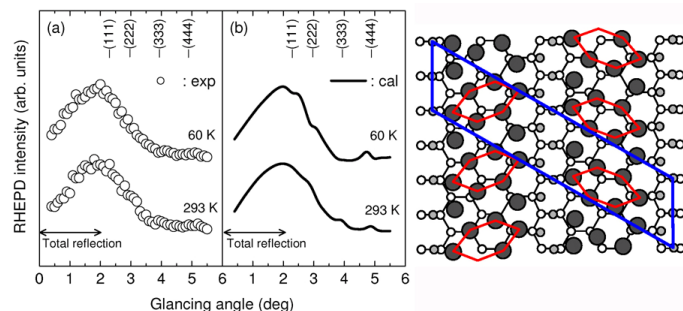
Metal co-adsorption induced root(21)×root(21) superstructure on Si(111) surface studied by reflection high-energy positron diffraction (Conference-ICSFS-14-)
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Y. Fukaya, I. Matsuda, M. Hashimoto, H. Narita, A. Kawasuso, and A. Ichimiya



反射高速陽電子回折による表面構造の決定

Phase transition of In/Si(111) surface studied by reflection high-energy positron diffraction (Conference-ICSFS-14-)

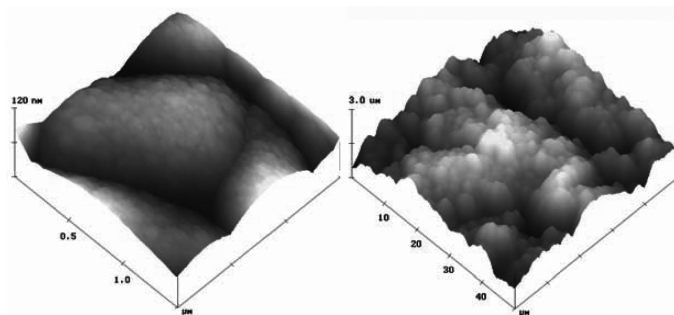
M. Hashimoto, Y. Fukaya, A. Kawasuso, and A. Ichimiya, Vol. 7, pp. 436-440 (4 April, 2009)



DL Cコーティングで航空機の部品を修復

Structure and tribological performance of diamond-like carbon based coatings for aerospace component processing (Conference-ICSFS-14-)

S. Podgoric, B. J. Jones, R. Bulpett, J. Franks, and G. Troisi, Vol. 7, pp. 459-464 (4 April, 2009)

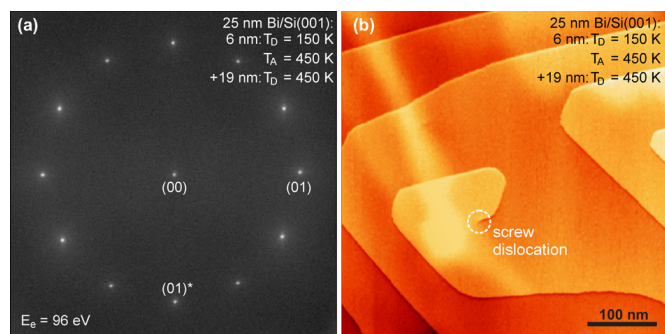


高品質ビスマス膜の成長

Epitaxial growth of Bi(111) on Bi(001) Conference-ICSFS-14-)

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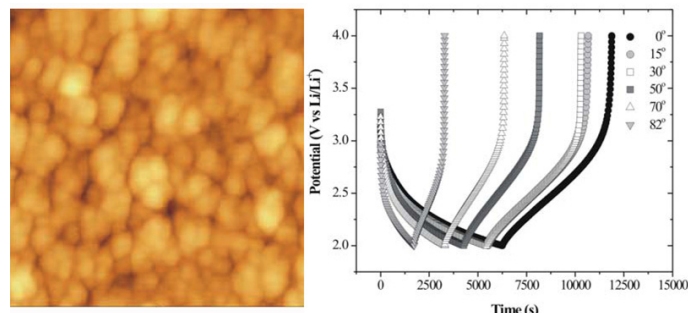
G. Jnawali, H. Hattab, C. A. Bobisch, A. Bernhart, E. Zubkov, C. Deiter, T. Weisemoeller, F. Bertram, J. Wollschlager, R. Moller, and M. Horn-von Hoegen,



リチウム電池陰極WO₃のモルフォロジーと電気化学特性

Deposition of WO₃ Thin Films at Oblique Angle - Growth and Electrochemical Behavior (Conference-ICSFS-14-)

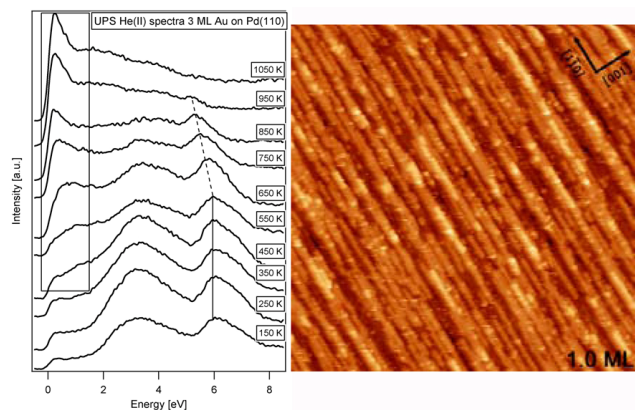
Robinson Figueroa, Ioshiaki Doi, Tersio G. S. Cruz, Airton Lourenco, Vol. 7, pp. 465-470 (4 April, 2009)



パラジウム表面上での触媒活性なAuの成長

Characterization of bimetallic Au/Pd(110) surfaces (Conference-ICSFS-14-) Vol. 7, pp. 448-454 (4 April, 2009)

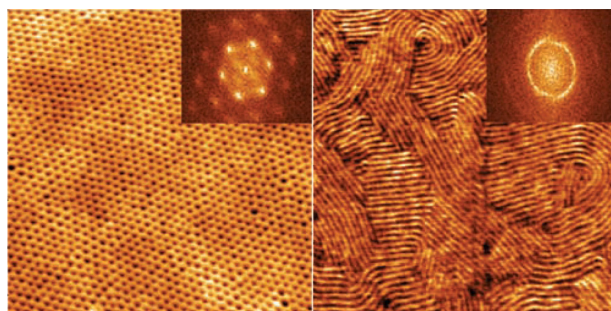
M. Moors, T. Kobiela, M. Kralj, T. Pertram, C. Becker, and K. Wandelt



ブロックコポリマー薄膜でのマイクロ相分離

Orientation and Translational Control of PS-b-PEO/PS Thin Films via Solvent Annealing and Graphoepitaxy Techniques (Conference-ICSFS-14-)

Thomas G. Fitzgerald, Richard A. Farrell, Sheena O'Driscoll, Colm T. O'Mahony, Justin D. Holmes, and Michael A. Morris, Vol. 7, pp. 471-475 (4 April, 2009)



有機半導体とポリマー混合体の形態と電気特性

Organic Semiconductor-Polymer Insulator Blends: a Morphological Study of the Guest-Host Interactions (Conference-ICSFS-14-)

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