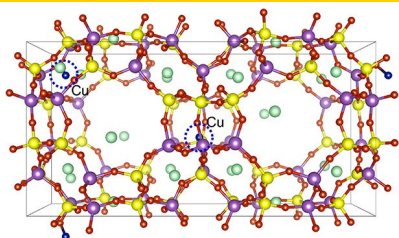




銅交換ゼオライトAの原子構造および電子構造

Regular



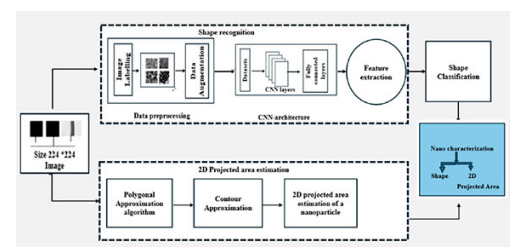
S. Hosokawa, K. Kobayashi, K. Ohara, A. Koura, F. Shimojo, Y. Tezuka, J. Adachi, H. Fukui, T. Manjo, D. Ishikawa, A. Q. R. Baron, S. Tsutsui, A. Chokkalingam, T. Wakihara

Atomic and Electronic Structures of a Cu-exchanged Zeolite A

Vol. 24, Iss. 3, pp. 69-78 (2026) (Regular Paper)

ディープラーニングおよびOpenCVを活用した走査型電子顕微鏡画像に基づくナノ粒子の形状と2次元投影面積の自動キャラクタリゼーション

Regular



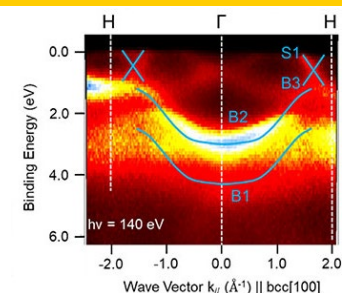
K SN Sushma, A. Sarkar

Automated Shape and Two-dimensional Projected Area Characterization of Nanoparticles from Scanning Electron Microscopy Images Using Deep Learning and OpenCV

Vol. 24, Iss. 3, pp. 79-89 (2026) (Regular Paper)

角度分解光電子分光法を用いたFeCo(100)上の準安定bcc-Cu超薄膜の電子構造解析

Regular



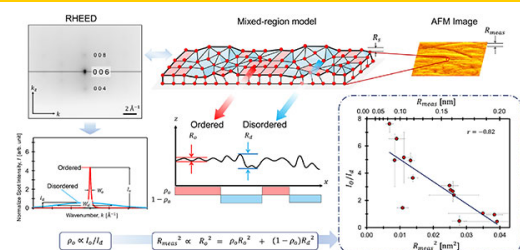
S. Takezawa, D. Ishikawa, S. Takase, T. Osawa, R. Goto, A. Varadwaj, K. Fuku, M. Imamura, Y. Tanimoto, H. Sato, K. Tanaka, Y. Sakuraba, S. Ichinokura, K. Yaji, M. Kotsugi, N. Nagamura

Electronic Structure of Metastable bcc-Cu Ultra-thin Films Grown on FeCo(100) Probed by Angle-resolved Photoemission Spectroscopy

Vol. 24, Iss. 3, pp. 90-97 (2026) (Regular Paper)

RHEEDを用いた表面秩序評価によるサブナノメートル表面粗さの定量化

Regular



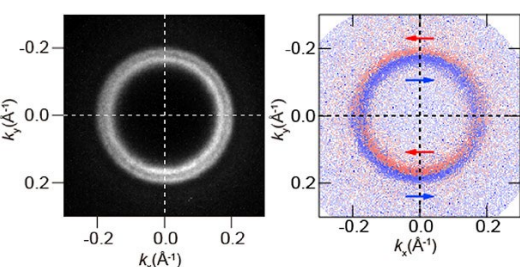
R. M. Tumbelaka, Y. Kitagawa, Y. Ida, T. Fujiwara, A. N. Hattori, H. Momono, K. Hattori

Quantitative Evaluation of Sub-nm Surface Roughness via RHEED-derived Surface Ordering

Vol. 24, Iss. 3, pp. 98-107 (2026) (Regular Paper)

SPLEED型スピン検出器を用いたマルチチャンネルスピン計測のデータ解析手法

Technical



S. Tsuda, K. Yaji

Multichannel Spin Detection with SPLEED-type Spin Polarimeter: Data Analysis Techniques

Vol. 24, Iss. 3, pp. 108-112 (2026) (Technical Note)