



Electron holography: A maximum entropy reconstruction scheme

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Erratum

Electron holography: A maximum entropy reconstruction scheme

T. MATSUSHITA¹, A. YOSHIGOE² and A. AGUI²

¹ *Japan Synchrotron Radiation Research Institute (JASRI), SPring-8
1-1-1 Kouto, Mikazuki-cho, Sayo-gun Hyogo 679-5198, Japan*

² *Synchrotron Radiation Research Center, Japan Atomic Energy Research Institute
(JAERI) - 1-1-1 Kouto, Mikazuki-cho, Sayo-gun Hyogo 679-5148, Japan*

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PACS. 61.14.-x – Electron diffraction and scattering.

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PACS. 79.60.-i – Photoemission and photoelectron spectra.

After the on-line publication of the work, the authors found out that the right part (Experiment) of fig. 4(c) was wrong. In fact the error image was generated as a mixed image of Simulation and Experiment at the 3D rendering process, because of a wrong operation.

The correct version is presented in the next page.

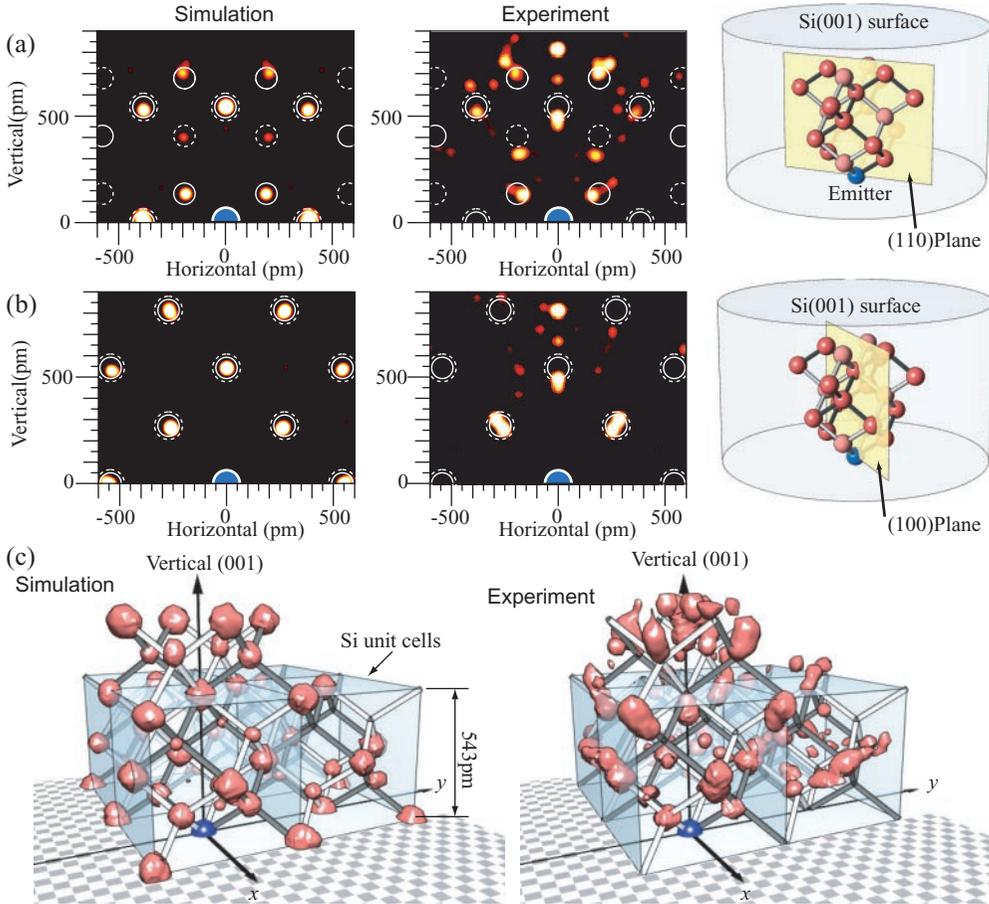


Fig. 1 – (a) The left-side image is a cross-section of the reconstructed image of the simulated hologram (fig. 3(a)). The cross-section corresponds to the (110) plane as shown in right-side image. The middle image is a cross-section of that of the experimental hologram (fig. 3(b)). The circle located at the coordinate origin represents the emitter atoms. The solid and dashed circles are expected atomic positions reflected in two emitter sites. (b) The cross-sections corresponds to the (100) plane. (c) Reconstructed three-dimensional image in perspective. The origin of coordinate system is the position of the emitter. Atoms on the checky region are removed in the images in order to give better viewing around the emitter atom. The white and gray lines that connect the nearest-neighboring atoms are displayed. The line colors indicate two structures reflected in two emitter sites.