

Atomic Resolution Analytical Electron Microscope

JEM-ARM200F

NEOARM

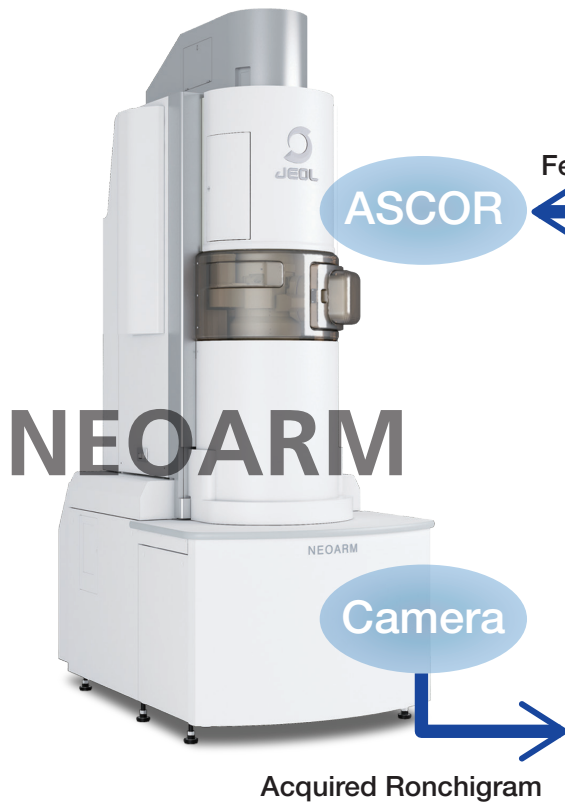
JEOL COSMO™ Tune

Auto tuning of aberration corrector



JEOL COSMO™ Tune

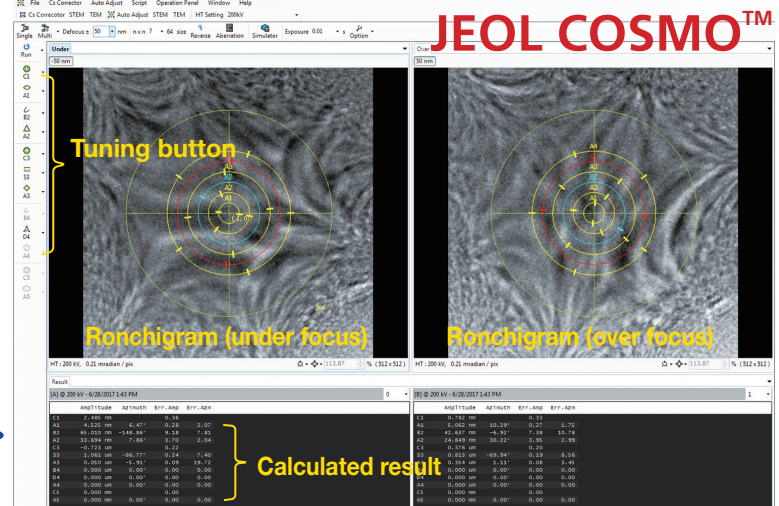
Auto tuning of aberration corrector



Feedback of corrector parameter

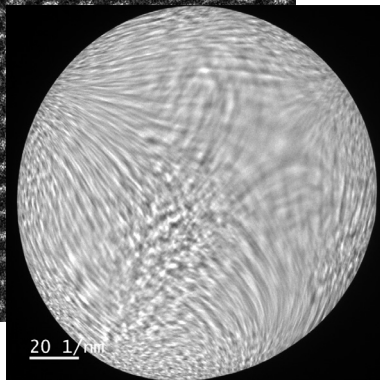
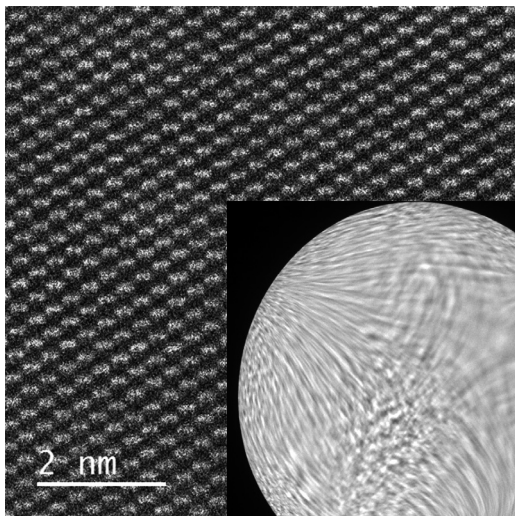
ASCOR

Calculated by SRAM* method by using a pair of under and over focus Ronchigram patterns



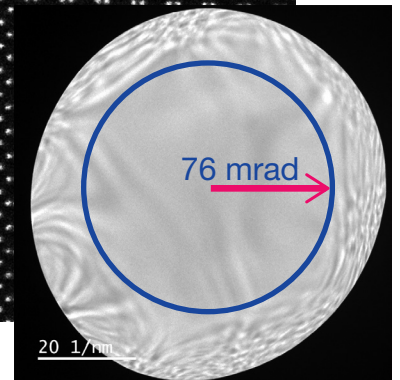
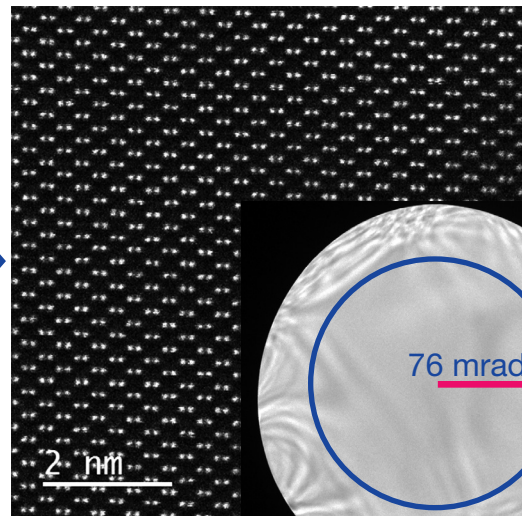
*SRAM : Segmental Ronchigram Auto-correlation function Matrix

HR-STEM image (before auto tuning)



Ronchigram (before auto tuning)

HR-STEM image (after auto tuning)



Ronchigram (after auto tuning)

Acc vol: 200kV
Sample: Si[110]

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