A3-011 Room: C402 Time: June 4 16:30-16:45

Dissolution of quartz around indented regions

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Indented quartz by the Vickers indentation test was etched with a 1N HF solution. The manner how it was etched was succeedingly observed with an Atomic Force Microscope.

Nothing seems to happen on the flat unindented surfaces, while the indented surfaces were dissolved progressively with time.

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