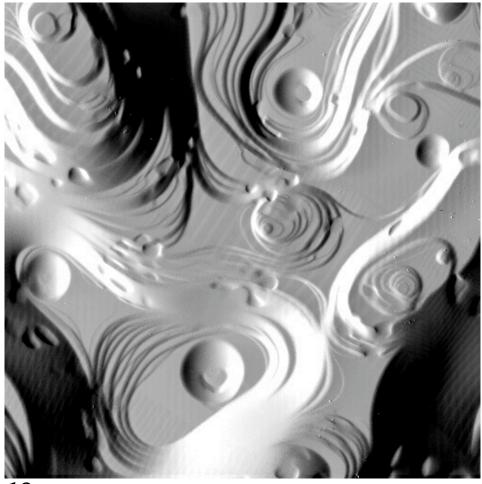
BaTiO₃ Growth Surface



10 μm

Atomic force microscopy (AFM) error image of the surface of a crystallite in a $BaTiO_3$ polycrystal sintered at 1360 C. This image shows contrast both from ferroelectric domains (diagonal lines from lower left to upper right in the center of the image) and from hillocks made up of ledges and caps. High resolution AFM revealed that the surfaces of the ledges and caps are atomicly flat and lack a defect source. The surface structure is the result of evaporation/condensation processes.

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105th Annual Meeting of the American Ceramic Society
1st Place Ceramographic Competition 2003
Classification: Scanning Probe Microscopy