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COVER

A transmission Laue photograph of a gypsum single crystal taken with a fine-focus x-ray tube operated at 100 kilovolts and 5 milliamperes. By this technique it is possible to examine, even while they are growing, thick single crystals, crystals in containers, and crystals enclosed in furnaces. The sample is not damaged or exposed to the air. Exposure, 5 minutes; distance between slit and film, 6 centimeters. See page 260.