

Journal of Materials Research Articles in the August 1990 Issue (Vol. 5 No. 8)

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Crystalline Perfection of Chemical Vapour Deposited Diamond Films, by A.V. Hetherington, C.J.H. Wort, and P. Southworth.

Epitaxial Growth of β -SiC on Si by Low-Temperature Chemical Vapor Deposition, by M. Iqbal Chaudhry and Robert L. Wright.

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Surface Resistance Measurement of Superconducting YBa₂-Cu₃O₇ in a Magnetic Field, by C.C. Chin, P.J. Rainville, A.J. Drehman, J.S. Derov, J. Steinbeck, G. Dresselhaus, and M.S. Dresselhaus.

Characterization of Spray-Pyrolized Superconducting YBa-CuO Thin Films on Single-Crystal MgO by Transmission Electron Microscopy, by S.J. Golden, H. Isotalo, M. Lanham, J. Mayer, F.F. Lange, and M. Rühle.

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Self-Assembly of Octadecyltrichlorosilane Monolayers on Mica, by George A. Carson and Steve Granick.

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