

# Flatness, roughness, and discrete defect characterization for computer disks, wafers, and flat panel displays - 8-9 August 1996, Denver, Colorado

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Sieloff, Department of Metallurgical and



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Materials Engineering, University of Pittsburgh, Pittsburgh, PA 15261.

## Precision Manufacturing

The controller would allow collaboration and coordination among the manned and unmanned systems, and allow adjustment of plans in real time. Sanchez, Henry Krumb School of Mines, Columbia University, New York, N. However, this phase-shifting method must capture several fringe patterns with phase difference, thereby influencing the real-time performance.

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To decrease electricity consumption, a new version that burns coal with oxygen has been considered Plasmaoxygen. We'll define our success as having achieved our commercial technology metrics in each enterprise area. We'll know we're succeeding in helping the national competitiveness if we are successful together in pulling our resources, our know-how, and our experience in a winning alliance. PHASE II: Build a prototype optical sensor and demonstrate it can detect trace amounts of chemical explosive from a stand-off distance.

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