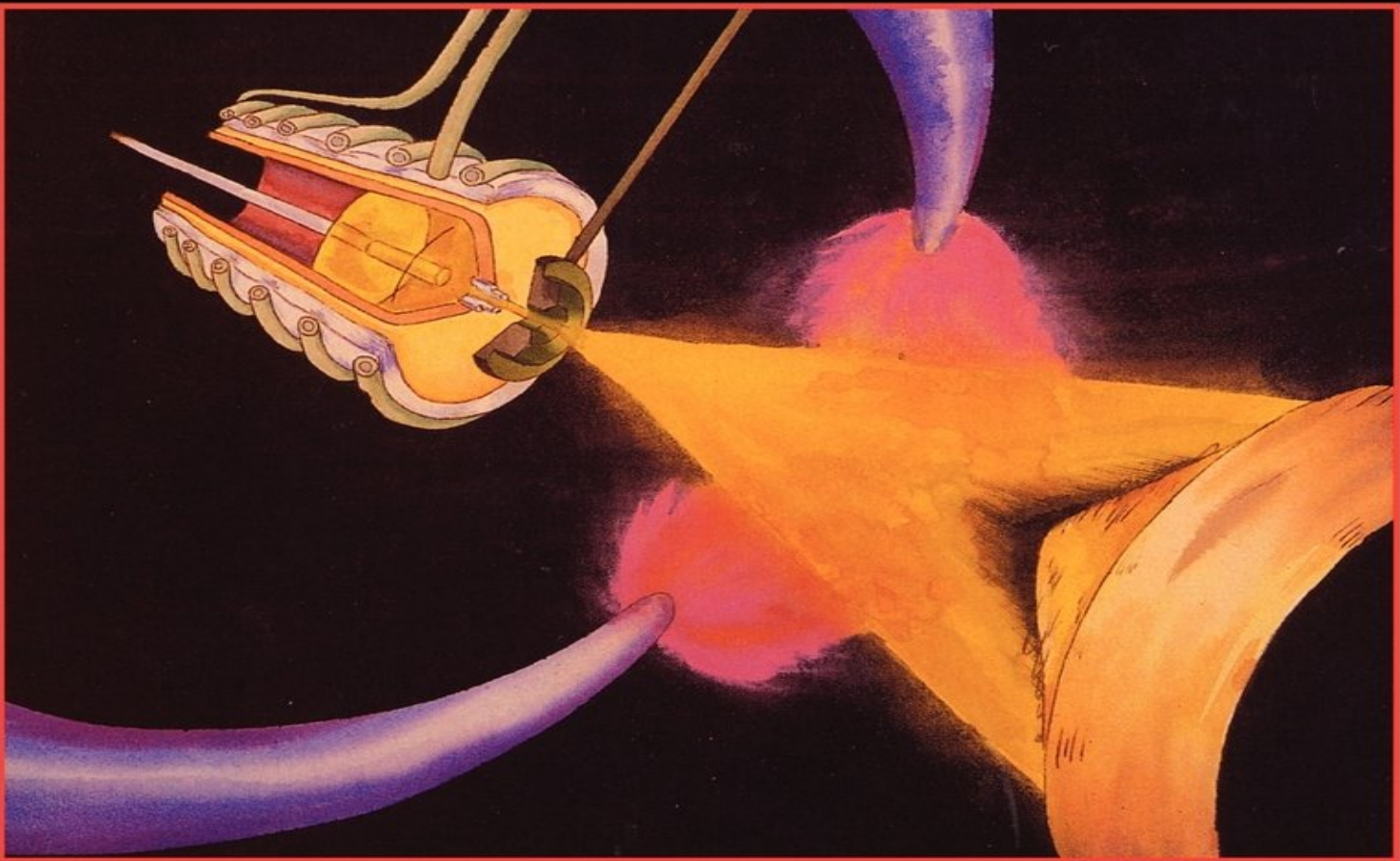


SPRAY ATOMIZATION AND DEPOSITION



Enrique J. Lavernia and Yue Wu

Resumo de Spray Atomization and Deposition

Spray atomization and deposition is a fast growing materials processing technique. Its development has encompassed process design, process modeling, new materials and automatic control. The process of spray deposition involves the fundamental phenomena of atomization, fluid flow, heat flow, mass transport, solidification and microstructural development.

With this, the first comprehensive overview of the technique, the reader will gain a detailed insight into past and recent developments in spray deposition technology; a clear understanding of fundamental phenomena such as atomization, deposition and microstructural development and a comprehensive overview of the unique microstructure and properties of spray deposited materials.

This book is aimed at post graduate students of materials science and engineering, and researchers and professionals working with these techniques both in academia and in industry.

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