Contents

1	Kozo Saito	1
Pa	art I Painting Technology—The Empirical Approach	
2	What Is Spray Coating? Kimio Toda	5
Pa	art II Painting Technology: Numerical Simulation and Scale Modeling	
3	Computational Modeling of Relevant Automotive Rotary Spray Painting Process Abraham J. Salazar	47
4	The Use of Scale Model to Study Film Flow in a Rotary Atomizer Cup Vedanth Srinivasan, Abraham J. Salazar and Kozo Saito	97
Pa	art [II Painting Technology—Visualization and Characterization	
5	Automotive Paint Spray Characterization and Visualization Nelson K. Akafuah	121
Pa	An Integrative Approach	
6	Hitozukuri and Monozukuri in Relation to Research and Development in Surface Coating K. Saito, A. J. Salazar, K. Kreafle and E. Grulke	169