

# Contents

<b>1 Nature of Multiphase Flows and Basic Concepts</b> . . . . .	1
George Yadigaroglu and Gad Hetsroni	
<b>2 Modelling Strategies and Two-Phase Flow Models</b> . . . . .	39
Geoffrey F. Hewitt and George Yadigaroglu	
<b>3 Interfacial Instabilities</b> . . . . .	79
George Yadigaroglu	
<b>4 Flow Regimes</b> . . . . .	95
George Yadigaroglu, Gad Hetsroni and Geoffrey F. Hewitt	
<b>5 Void Fraction—Empirical Methods</b> . . . . .	141
George Yadigaroglu	
<b>6 Pressure Drop—Empirical Methods</b> . . . . .	171
George Yadigaroglu	
<b>Appendix A: Tutorial</b> . . . . .	199
<b>Appendix B: Common Nomenclature</b> . . . . .	209
<b>Appendix C: Most Useful Conversion Factors Between British and Si Units</b> . . . . .	211
<b>Index</b> . . . . .	213

Introduction to Multiphase Flow

Basic Concepts, Applications and Modelling

Yadigaroglu, G.; Hewitt, G.F. (Eds.)

2018, IX, 214 p. 84 illus., 57 illus. in color., Hardcover

ISBN: 978-3-319-58717-2