

Contents

<i>Preface and Acknowledgments</i>	page vi
1 Fluid Statics and Dynamics	1
2 Darcy's Law for Saturated Porous Media	32
3 Darcy's Law for Unsaturated Porous Media	69
4 Stochastic Conceptualization of Heterogeneity	109
5 Governing Flow Equations for Heterogeneous Media Conceptual Models	147
6 Equivalent Homogeneous Media Conceptual Models	175
7 Flow toward a Well Due to Pumping (Part 1)	207
8 Flow toward a Well Due to Pumping (Part 2)	245
9 Stochastic Approaches	289
<i>References</i>	330
<i>Index</i>	341