



## Liquids and Solids

By M. T. Sprackling

Kluwer Academic Publishers Group, Netherlands, 1985. Paperback. Book Condition: New. 196 x 128 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*. 2 Creeping viscous flow in a semi-infinite channel 140 6. 3 Poiseuille flow in tubes of circular cross-section 144 6. 4 Motion of a Newtonian liquid between two coaxial cylinders 148 151 6. 5 Bodies in liquids 6. 6 liquid flow and intermolecular forces 154 Non-Newtonian liquids 157 6. 7 6. 8 Viscometers 160 Chapter 7 Surface effects 163 7. 1 Introduction 163 7. 2 Excess surface free energy and surface tension of liquids 163 7. 3 The total surface energy of liquids 167 7. 4 Surface tension and intermolecular forces 168 7. 5 Solid surfaces 171 7. 6 Specific surface free energy and the intermolecular potential 172 7. 7 liquid surfaces and the Laplace-Young equation 174 7. 8 liquid spreading 178 7. 9 Young s relation 181 7. 10 Capillary effects 184 7. 11 The sessile drop 187 7. 12 Vapour pressure and liquid-surface curvature 189 7. 13 The measurement of surface free energies 191 Chapter 8 High polymers and liquid crystals 197 8. 1 Introduction 197 8. 2 High polymers 197 8. 3...



READ ONLINE  
[ 4.75 MB ]

### Reviews

*The very best pdf i possibly study. It generally will not expense excessive. You wont really feel monotony at anytime of the time (that's what catalogs are for concerning should you ask me).*

-- Prof. Owen Sporer

*Just no phrases to describe. It typically does not price an excessive amount of. It is extremely difficult to leave it before concluding, once you begin to read the book.*

-- Felton Hessel