

CONTENTS

1. Classification of non – newtonian fluids	1
2. Experimental characterization of non- newtonian fluids	20
3. Flow of non-newtonian fluids in pipes and channels	50
4. Heat transfer characteristics of non– newtonian fluids	96
5. Mixing characteristics of non- newtonian fluids	113
6. Viscometric measurements and apparatus	120
7. Appendix	128
8. References	134
9. Index	137