

CONTENTS

	Page
1 INTRODUCTION (including glossary and nomenclature)	1
2 CHARACTERISTICS OF PACKING	11
2.1 Closeness of packing	11
2.2 Stability (and strength) of packings	21
2.3 Permeability	32
3 APPROACH TO PACKING PROBLEMS	40
4 PARTICLES	43
4.1 Shape	43
4.2 Absolute size	50
4.3 Size distribution	52
4.4 Properties of the particle material	64
5 EFFECTS OF CONTAINER WALLS	71
6 DEPOSITION	79
7 COMPACTION AFTER DEPOSITION	89
7.1 Vibration	89
7.2 Pressure	94
8 INDUSTRIAL APPLICATIONS	108
9 SUMMARY AND CONCLUSIONS	118
References	123
Appendices	129
Index	131