

CONTENTS

Part I. Problems.	7
1. Reduction of partial differential equations with two independent variables to canonical form	7
1. Equations of hyperbolic type	7
2. Equations of parabolic type	8
3. Equations of elliptic type	8
2. The method of characteristics.	9
3. Separation of variables.	23
1. Equations of hyperbolic type	26
2. Equations of parabolic type.	33
3. Equations of elliptic type	38
Part. II. Solutions and hints	43