

CONTENTS

CHAPTER	PAGE
1. Cam Applications and Special Cam Designs.....	1
2. Intermittent Motions from Gears and Cams.....	20
3. Intermittent Motions from Ratchet and Geneva Mechanisms	63
4. Overload, Tripping, and Stop Mechanisms.....	86
5. Locking, Clamping, and Locating Devices.....	109
6. Reversing Mechanisms of Special Design.....	137
7. Reciprocating Motions Derived from Cams, Gears, and Levers	162
8. Crank Actuated Reciprocating Mechanisms.....	198
9. Variable Stroke Reciprocating Mechanisms.....	214
10. Mechanisms Which Provide Oscillating Motion.....	246
11. Mechanisms Providing Combined Rotary and Linear Motions	282
12. Speed Changing Mechanisms.....	301
13. Speed Regulating Mechanisms.....	329
14. Feed Regulating, Shifting, and Stopping Mechanisms	350
15. Automatic Work Feeding and Transfer Mechanisms..	379
16. Feeding and Ejecting Mechanisms for Power Presses	420
17. Hoppers and Hopper Selector Mechanisms for Automatic Machines	446
18. Miscellaneous Mechanisms	471