CONTENTS

CHAPTER I

INDUSTRIAL AND COMMERCIAL ASPECTS 1

4. Colour Practice and the Fancy Trade—5. Elaborated Stripings and
checkings—6. Distinctive Phases of Colour Technique—7. Materials and
Structure—10. Double and Compound Cloths in Dress Goods—11. Multi-
Mounting and Figured Velvet Production—15. Doupe and Cross Weaving
Examples—16. Lappet and Woven Laco Principles of Pattern Origin-
The Yarn Unit and Manufacturing Technology—20. Frisé, Ripple, and
Accessory to Loomwork—23. Emotential and Colourization Practices—
in Cloths of Admixed yarn Types—26. Factors Controlling Commercial
Consolidation of the Home Trade—31. "Style" Transitions—32. Standard-
ization in the Dress Industry—33. Shipping or Foreign Trade : Divi-
sible into Two Sections—34. Prestige of French Fashions and the Goods
in Demand—35. Phenomena Affecting Trade in the Near and Far
Eastern Countries—36. Board of Trade Intelligence and Foreign Trading—37.
Provisions Relative to Trade Intelligence and Dress-fabric Manufacture—
38. British Industrial Centres,

CHAPTER II

THE YARN UNIT 46

39. Yarn a Controlling Factor in Fabric Design—40. Yarn Features
Relative to Textural Utility—41. Cotton Yarns and Cloth Qualities—
42. Linen Yarns and Textural Features—43. The Silk Yarn Unit—44.
Yarns made of Animal Fibre—45. Worsted and Woollen Groups of Yarn
—46. Wool Fibre and Thread Formation—47. Yarn Specimens Com-
Length—50. Staple Measurement and Yarn Structures and Density—
51. Lustre Quality in Cashmere, Alpaca, Mohair, and Camelhair—52.
Yarn Differentiations—53. Circumferential Area of Yarns—54. Woollen
made of Mineral Substances—57. The Twine Factor in Spun Yarns—
58. Folded Yarns and Twine Insertion—59. Compound Yarns and the
dress Trade—60. Types of Folded Yarns—61. Basic Principles in
Folded yarn Construction : Fancy Twists—62. Folded and Mulit-ply
Twist Threads—63. Fancy Yarns in Dress and Costume Textures,

CHAPTER III

SILK : THROWN, SPUN, AND ARTIFICIAL 81

64. Thread-like Structure of the Silk Filament—65. Superior Qualities
of the Fibre, contrasted with Cotton—66. Silk and Linen Textures Com-
pared—67. Silky Lustre—68. Early Origin of Silk : Historic Data—
69. Organization of the Silk Industry—70. Technical Terms Applied to
CONTENTS


CHAPTER IV

THE YARN UNIT APPLIED


CHAPTER V

WEAVE ELEMENTS AND CLOTH CONSTRUCTION

CONTENTS

CHAPTER VI

DRAFTED PATTERNS: STRIPES . . . . . . . . 247


CHAPTER VII

GEOMETRIC DESIGN BASES—WEAVE COMPOUNDS . . . . 305


CHAPTER VIII

SPOTTED AND MOSAIC PATTERNS . . . . . . . . 370

CONTENTS


CHAPTER IX

PRACTICE IN FIGURE DESIGNING . . . . . . 441


CHAPTER X

PILE, LAPPET, AND GAUZE STRUCTURES . . . . . 507


INDEX . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 573