

Contents

Acknowledgements and Abbreviations	vii	Part III: Woven Structure, Design,	
		and the Jacquard Medium	125
Introduction	ix	7. Weave glossary, choosing and	
5		building weaves, evaluating weaves	127
Part I: The Designer's Skill Set	- 1	Weave glossary	127
1. Visual analysis: identifying contrasts	3	Choosing weaves	132
Type of contrast	3	Building weaves	134
Degree and quality of contrast	7	Structural evaluation	148
2. Sample analysis and documentation:		8. Which comes first: technique or design?	155
structure and design	27	Loom and warp come first	155
Observation and annotation of structural data	27	Design before technique; technique before design	155
Design analysis and documentation	36	To repeat, or not to repeat	156
		Trusting the eye	158
Weave drafting methods: recording,		Choosing mistakes	158
designing and reading weaves	39	Threshold of visibility	159
Relationship between weave representation and		0. Communication	1/3
the physical textile: warp and weft alignment	39	9. Case studies	163
Illustrations	41	Primordial and Genesis	166
Weave drafts	43	Two games, three squares, eight textiles	169
Drafting simple weaves: drawdown and sectional draft	43	Red July 336: design process, an illustrated narrative	176
Drafting compound weave structures	50	Fast design, fast weaving	181
Other methods for recording simple and		Watercolor, woven canvas, finished painting	182
compound weaves	58	Site and event specific textiles for the winter season	187
		Weave-patterned shibori	190
Part II: Technology, Process, Technique	61	Textiles in space and time	194
4. Weave-patterning technology in the		How many weave effects?	199
digital era	63	Once and future figuring techniques	201
A brief history of figuring technology	63	Slow weaving	210
The digital loom comes down; the comber board		Natas	210
goes out	65	Notes	219
Industrial or manual Jacquard weaving: fast or slow	66	Bibliography	221
5. Design process and terminology, from		Contributors	223
sketch to card	69	Photography and illustrations	225
	69		
Process Terminology	72	Index	227
6. Figuring techniques	87		
One warp, one weft: self-patterning textiles	87		
Weft patterning	98 110		
Warp patterning Multiple cloths	118		
lampas	120		