Lecture 13

Fancy Designs

Crepe, Honeycomb, Mock leno

Crepe is a weave that contains little or no twilled or other prominent effect and which gives a cloth the appearance of being covered by minutes spots or seeds.

Method 1
By taking a regular sateen base and adding more spots to it in some regular order.
8 Ends Sateen Base and 2 ends
  $A1 $D1 $9C $56 $6C $4E $2B $33 - 8
8 Ends Sateen Base and 2 by 1 by 1 by 3
  $AE $D5 $BA $57 $EA $5D $AB $75 - 8

Method 2
By taking spost on plain weave in some regular order
  $AA $DD $AA $77 $AA $DD $AA $77   - 8
Can actually complete on 4 threads.

Method 3
By constructing a motiff and then constructing it again in reverse order and so on.
  $84 $CC $84 $10 $30 $12 $03 $02   - 8

Method 4
By inserting or superimposing designs on one another. The total number of ends and picks is obtained by taking L.C.M. of the basic designs.
  Let the basic designs be 4 thread satinette and an 8 end sateen derivative.

Sateen Derivative: 8 Threads $C0 $18 $03 $60 $0C $81 $30 $06   - 8

Satinette: 4 threads sateen $8 $4 $1 $2   - 4
Crepe: Superimposing 8end sateen derivative 4end satinette $C8 $5C $13 $62 $8C $C5 $31 $26   - 8
Sateen: 6 ends, standard $80 $20 $08 $40 $04 $10 - 6

Crepe: Superimposing 4 & 6 threads sateens $8A8 $64C $193 $632 $8C9 $544 $931 $22A $88A $454 $151 $326   - 12

Honey Comb weave gives cell appearance.
Honey Comb 01
  $80 $41 $A2 $D5 $EB $D5 $A2 $41 - 8

Honey Comb 02
  $4001 $A002 $5005 $A80A $D415 $EA2B $F557 $FAAF $FD5F $FAAF $F557 $EA2B
  $D415 $A80A $5005 $A002 - 16

Mock leno will be done in a later lecture.