

Islamic frieze designs



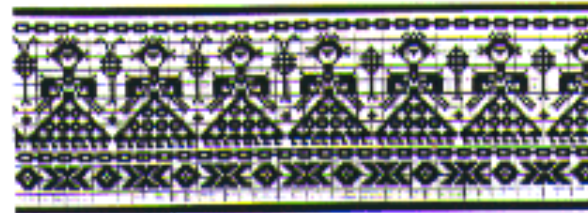
1. Edge decoration
of tablecloth



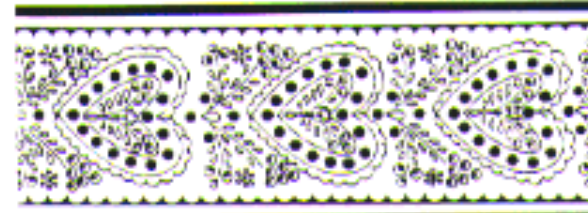
2. Pillow-end
decoration



3. Decoration patched
on shepherd's felt coat



4. Edge decoration
of bed sheet



5. Decoration of
shirt front

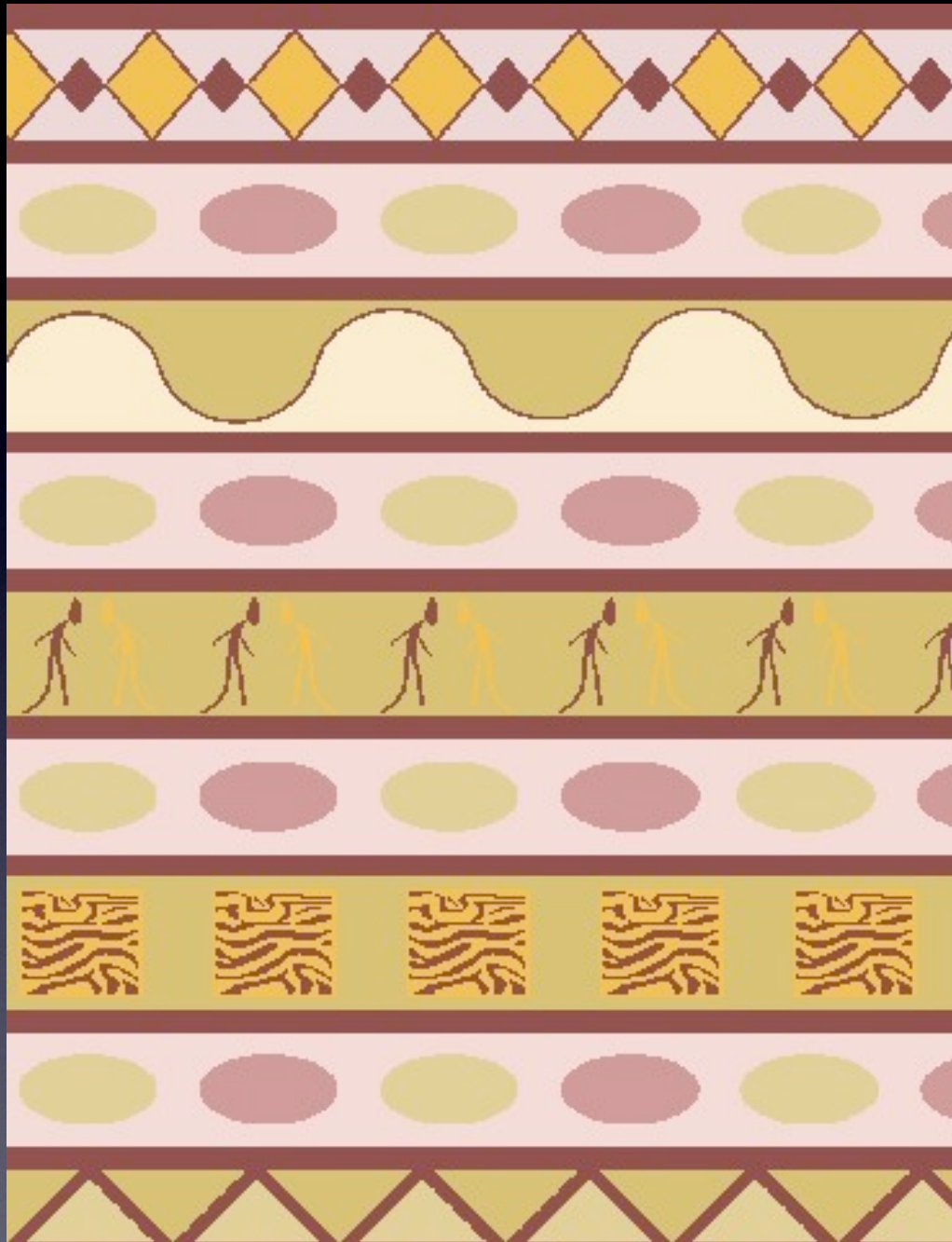


6. Pillow decoration



7. Tablecloth
decoration





**Contemporary
African textile
design**



hop: $\infty\infty$



step: $\infty\times$



jump: $\infty*$



side: $*\infty\infty$



dizzyhop: 22∞



dizzyjump: $*22\infty$



dizzyside: $2*\infty$



John Conway's footstep symmetry patterns for frieze designs

All have translations

Hop

Translation only

Step

Glide

Jump

Horizontal reflections, glides

Sidele

Vertical reflections

Dizzyhop

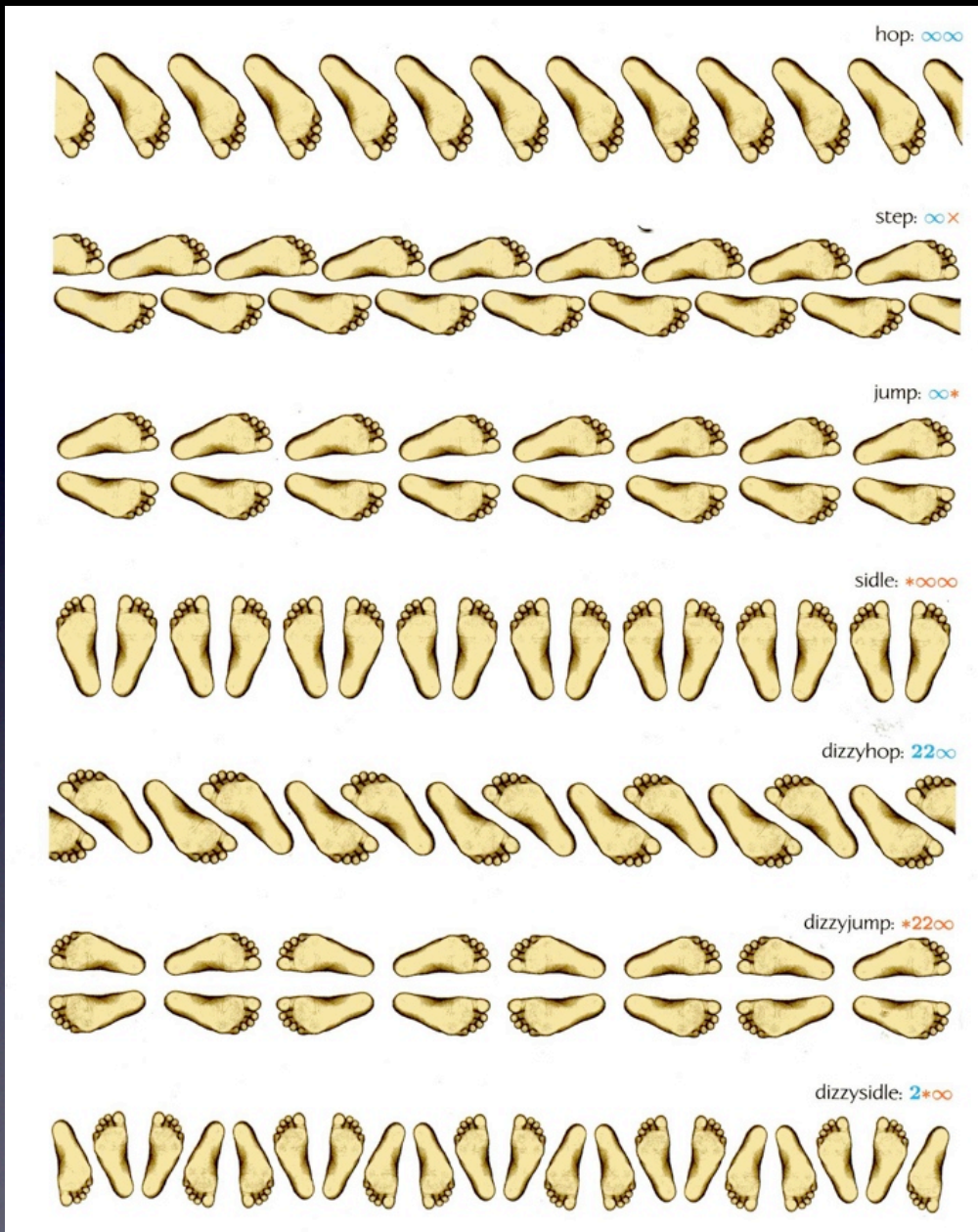
Half turns

Dizzyjump

Horizontal and vertical reflections, half-turns, glides

Dizzysidele

Vertical reflections, half-turns, glides



1.



p p p p p p p

Hop

2.



p b p b p b

Step

3.



**p p p p p p p
b b b b b b b**

Jump

4.



p q p q p q

Sidele

5.



p d p d p d

Dizzyhop

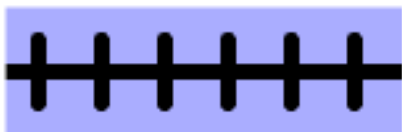
6.



pd bq pd bq

Dizzysidle

7.



**p q p q p q
b d b d b d**

Dizzyjump