Homework #8 (Extra Credit)

Wallpaper Patterns
(One color, two dimensions)

Pick 6 designs from p. 183 or 189. Give a detailed analysis of each design.

This means:

1. Clearly indicate which design you have picked.

2. Pick the smallest possible repeating element (motif) and make a clear sketch of it.

3. Specify the two directions in which this motif repeats itself. Indicate this direction by sketching a pair of axes and label them direction 1 and direction 2.

4. Indicate how the pattern repeats itself in direction 1.

5. Indicate how the pattern repeats itself in direction 2.

6. In some designs the shading of the motif changes as it is repeated. If this happens in a regular way, describe the pattern you see.