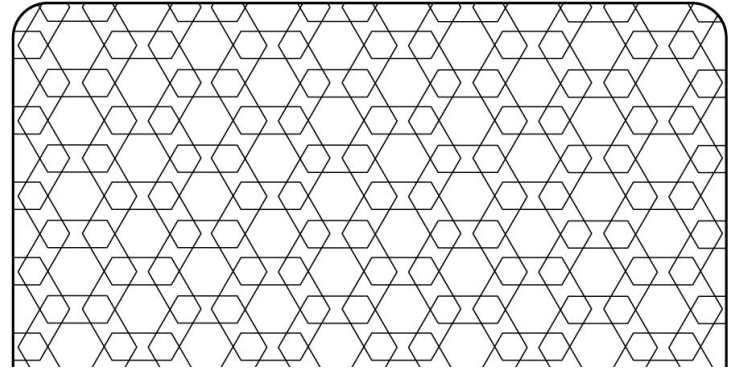


A large red square with a white border, centered on a white background. Inside the square, the text "Pattern and Repetition" is written in white, bold, sans-serif font.

Pattern and Repetition

Pattern

Patterns can have multiple meanings and elements in design. Repetition focuses on the same object being repeated; patterns are made up from different components which are then repeated in the same way throughout the design. A seamless pattern is one that flows throughout without flaw in the beginning or end: the entire pattern is a single, coherent unit. This approach to design becomes especially important when thinking about designs which incorporate significant amounts of color, texture or depth.



Repetition

Repetition allows for a single point to be repeated numerous times throughout. One of the examples that can clarify the principle of repetition is the set of stairs: each step is individual, but is repeated with similar size/shape in a sequence to form the stairway itself.

Repetition

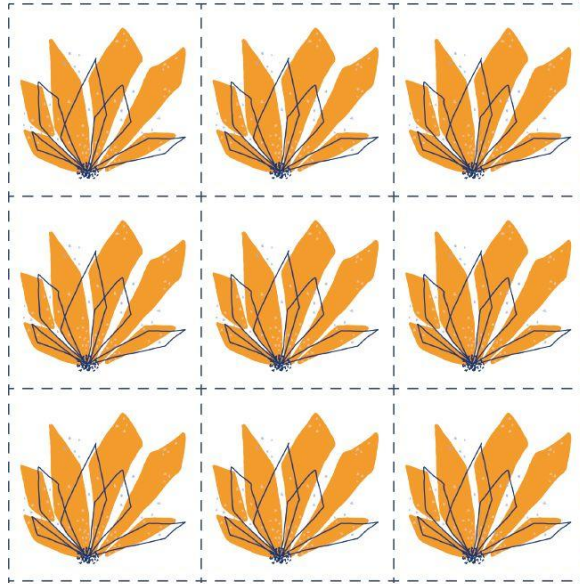


Different types of Repeat

Repeat patterns may run horizontal or vertical. Designers have many ways of taking a single figure and covering a textile with it. The word 'figure' means a single design element. It's this element that will be used to create the repeat.

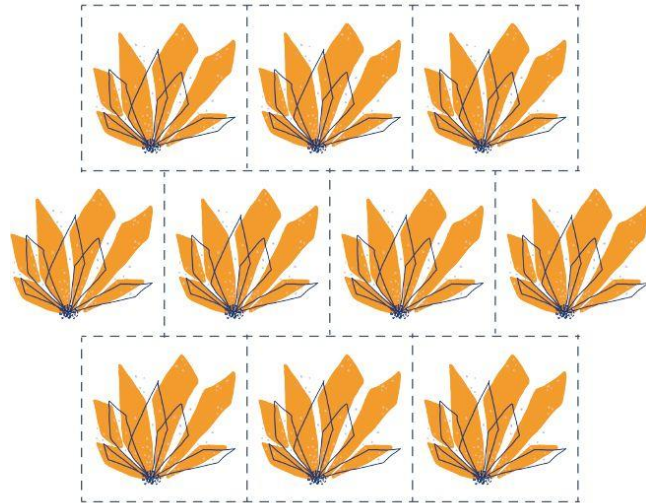
Block Repeat

A **block repeat** takes the figure and places it on a simple grid. The figure, always pointing in the same direction, appears over and over again in rows that line up vertically and horizontally.



Half-Brick Repeat

A half-brick repeat takes each horizontal row and staggers it so that it doesn't line up with the rows above and below it. This repeat pattern gets its name from the resemblance to how bricks are laid to form a brick wall. The figure is placed over and over again along a horizontal row. Then, when the next row is placed, instead of forming a simple grid, the pattern is offset so the figures don't line up vertically



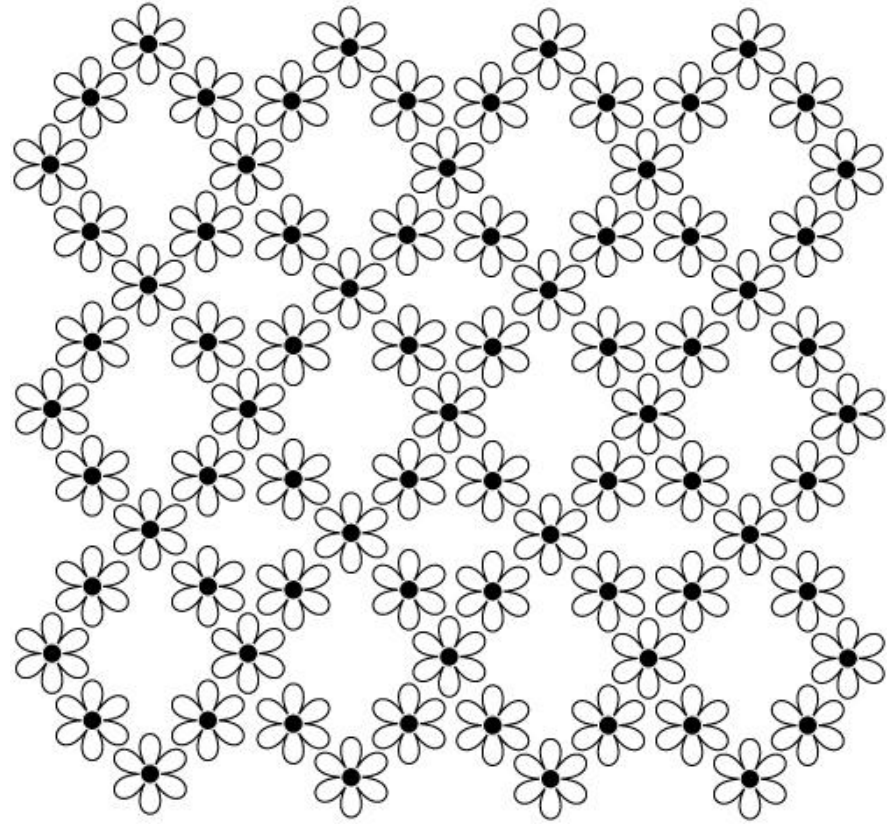
Half-Drop Repeat

A half-drop repeat places the figure over and over again in a vertical column. Then, in the next column, each figure is offset halfway from the ones in the neighboring column so the figures don't line up horizontally. Think of a brick wall placed on its side so that each row of bricks runs in long vertical columns. This kind of repeat, by the way, is one of the most popular in textile design.



Diamond Repeat

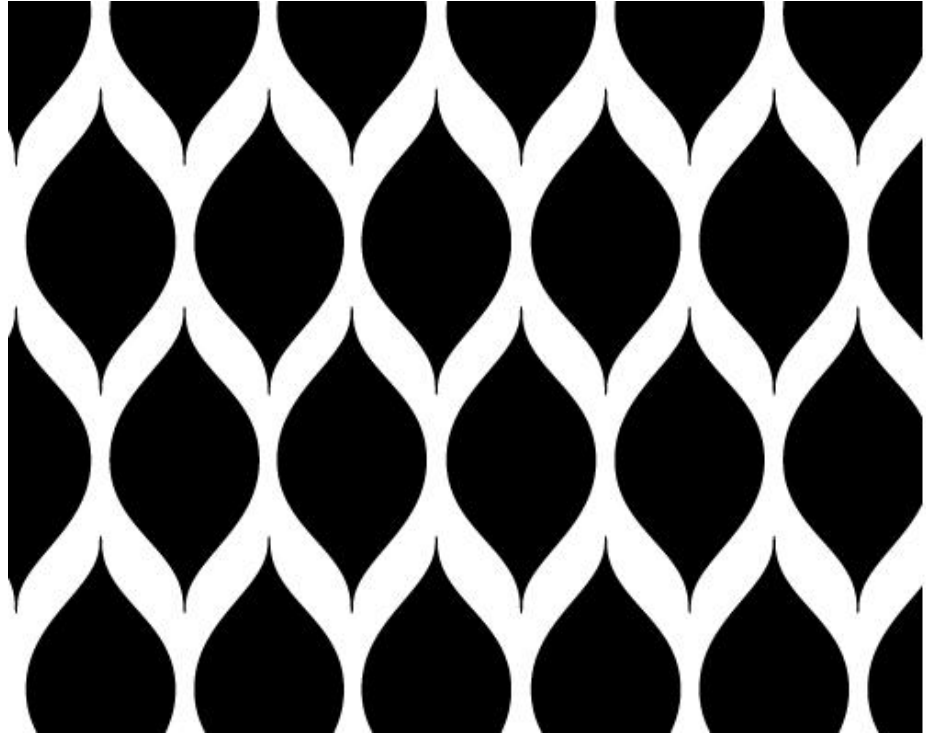
The diamond repeat is also used quite frequently in fabric and surface design. It is exactly as it sounds – a repeat of diamond shapes. The motifs can be as simple as one diamond put into half-drop or half-brick repeat (with some overlap), or each diamond can be a combination of smaller motifs, as shown here:



Ogee Repeat

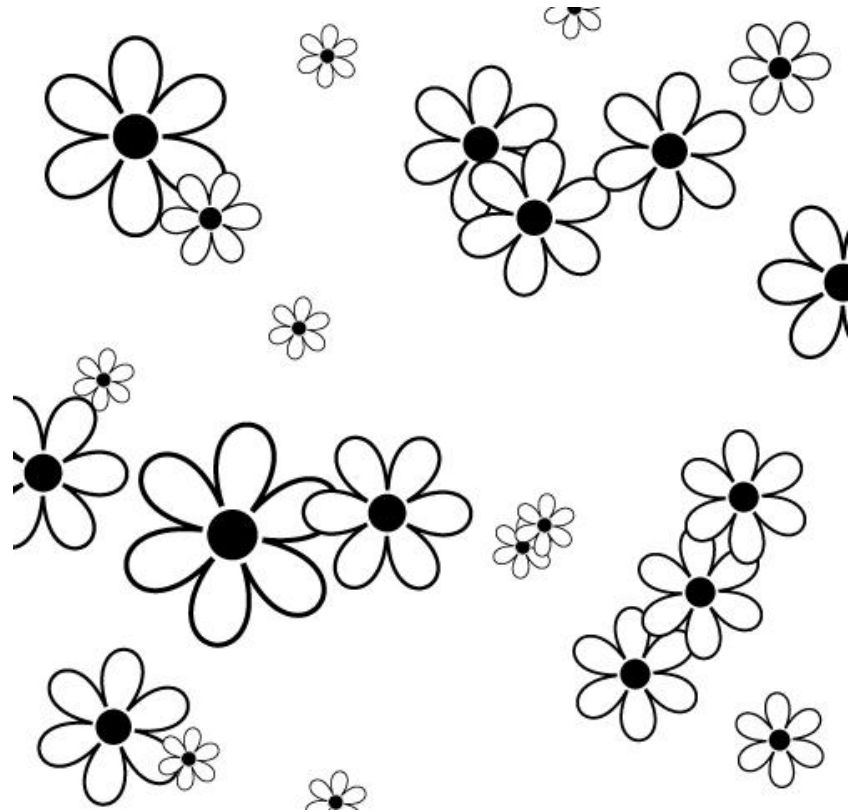
The ogee repeat is similar to the diamond repeat in shape – but the ogee is more rounded on two sides with the other two sides coming to points. As with the diamond repeat, it can be a simple repeat of ogee shapes in a half-drop or half-brick arrangement, or it can be more complex with overlaps and combinations of smaller motifs.

Here is a very simple version of an ogee repeat (half-brick with overlap):



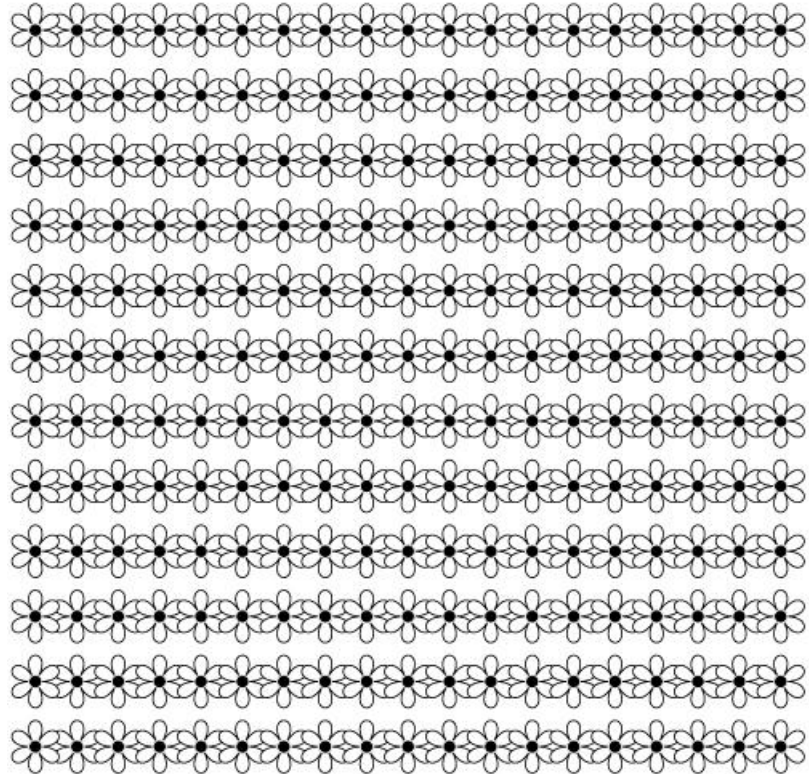
Toss/Random repeat

The toss/random repeat utilizes a random arrangement of various motifs to create a very organic, non-linear design. It is very popular for floral patterns and more. Elements of the design are “tossed” onto the fabric, like so:



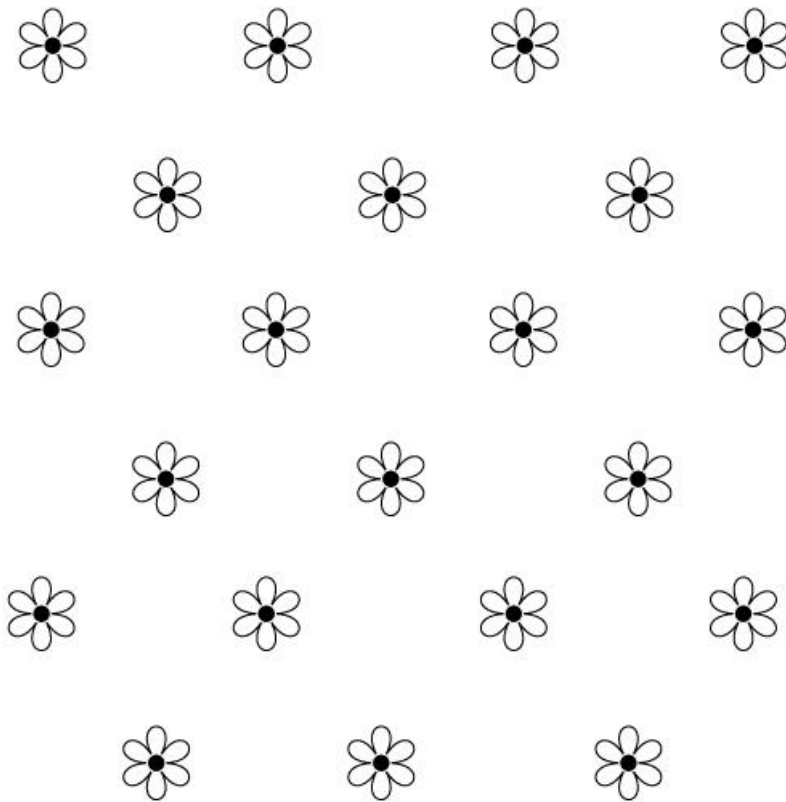
Stripe Repeat

The stripe repeat is a simple idea that can have a more complex and interesting execution. It could be simple stripes in a single color or a palette, but it can also be single motifs that create stripes for a totally different look, as shown here:



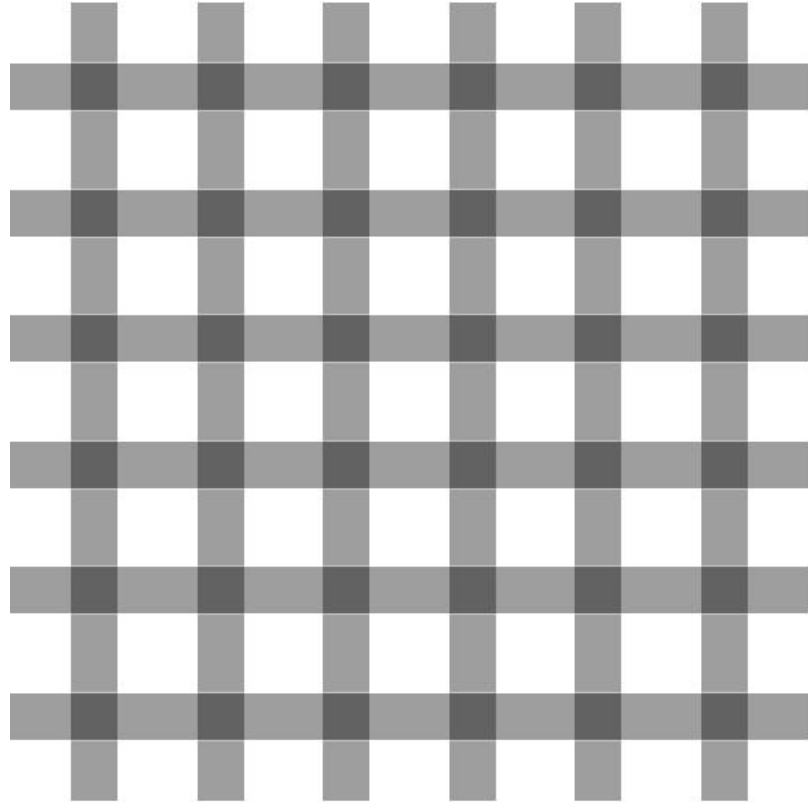
Dot Repeat

Similar in its simplicity to the stripe repeat, the dot repeat is as it sounds – an arrangement of dots! BUT, dots don't have to be dots. They can be other small motifs arranged with a bit of space between them to emulate dots, like this:



Plaid/check Repeat

Really just a variation of a stripe repeat, plaid/check/gingham repeats can be used to beef up a collection and provide variety to your designs. Here is a very simple example of a plaid/check pattern:



Combination Repeat

A quick perusal of any fabric manufacturer's portfolio will show you that pattern types are often not so clean cut. Most pattern designers use combinations of two or more of the repeat types shown above to create single designs. Or, they might layer a toss layout over a plaid for a more interesting and complex look

Reference

<https://study.com/academy/lesson/types-of-repeats-in-textile-designing.html>

<https://www.printmag.com/design-education/fabric-patterns-deconstructed/>

<https://in.pinterest.com/>

Thank you...