



PARAMETRIC PATTERNS

The exploration of the concept of “parametric pattern” in architecture

Parametric architecture can be defined as the use of mathematical algorithms to generate forms and structures

Patterns will be explored here in the narrow sense of designed patterns that spread across all sorts of surfaces, including architectural surfaces.

The human body was perhaps the first surface that received designed patterns.



Papua facial ornamentation and Chinese Opera masks as well as the tattoos on the women face. All work with the accentuating ,“draw attention to”, enhancement of facial features. all sets of enhancements serve as **medium of distinction**.



There are two general terms from traditional architectural theory that cover the different practices referred to here:

“ornament” and “decoration”

In Classic Architecture teaching:

- planning (distribution): purposefulness of spatial distribution or of the plan,
- structure (construction): purposefulness of construction or the joining of materials appropriate to the plan,
- Decoration: purposefulness of ornament or decoration are together involved in **expressing the character of the building.**

Thank you