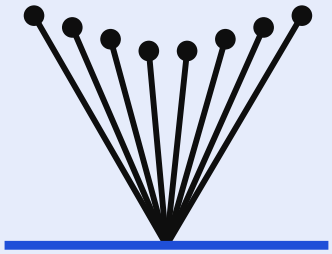
Specialty

Algorithmic design

Uses algorithms, that is, sequences of instructions, as part of the design process, especially in architecture, to explore forms and solutions that are hard to imagine or draw.



In Spanish
Diseño algorítmico

Origin
Theorized by Terzidis (2006), among others

What problem it addresses

Some forms and solutions are too complex to imagine or draw by hand.

Principles

Explicit instructions
Every step of the process is written down.

Explore the unknown
The algorithm can lead to unexpected solutions.

Repeatable
The same process can be rerun and adjusted.

Applications in design

✓ Use it like this
Write down as rules what sets the form (structure, light, materials) and explore variants.

✗ Avoid
Valuing a form just because it is complex.

👁 Don't fall for it
Document the algorithm: without it, nobody can review or improve the result.

Connections

Related to

- Spatial design
- Industrial design

Authors and works

2006	**Kostas Terzidis**	Argued for the algorithm as a way of thinking about design, not just as a drawing tool.

Sources

Original sources

- Terzidis, K. (2006). Algorithmic architecture. Architectural Press.

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