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DoS\_Theory Reflection I 23.9.2021 **Concepts** are the main form of grasping the world in which we live. They are linguistic instruments "tied to the various dynamics of the world, have temporality, and thus are themselves subject to change". The ongoing **digitalization** of all levels of life is a process that increasingly is altering the established concepts of architectural discourse. The process is driven by **geometry** that has become a central field of research for architecture and provides a precondition for a **structuralistic** perspective onto the discipline that differs from the linguistic structuralism of the 1960s.



1. Read (mark statements)

- 2. Evaluate & highlight statements
- 3. Group statements
- 4. Give headline to each group
- 5. Summarize each group using highlighted statements; quote and paraphraze

*Conceptual Histories of Architecture and Digital Cultures* by Georg Vrachliotis



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16.9.2021 Introduction

Reading I / Reflection I

**23.9.2021** Group Discussion

## Reading\_I

 Allen, Stan: *From Object to Field*, AD, Vol 127, 1997, 24-31

In his essay *From Object to Field* Stan Allen explores a number of projects like the Alhambra or the proposal for the Venice Hospital by Le Corbusier as well as the grid in the American City. Based on these examples he defines the so-called **field condition** as a compositional approach that tries to overcome the idea of an object.

**Exercise:** Extract the definition of field condition from the text and use the examples of the boids from Graig Reynolds for illustration.





Ludwig Mies van der Rohe Villa Eichstädt, Berlin, Germany, 1922

Ludwig Mies van der Rohe Haus Lange, Krefeld, Germany, 1928

Ludwig Mies van der Rohe German Pavillon, Barcelona, Spain, 1929











Toni Kotnik, Professor of Design of Structures



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"Space is created as a relation between objects. These relations persist in perceptual experience ... There are many aspects of experience of which we are not explicitly conscious that nonetheless tinge our awareness in important ways. The visual relations between objects are of this kind."

Rudolf Arnheim: The dynamics of architectural form, 1977





influence of the distance between buildings on the degree of mutual dependence respectively independence

## Systemic Interaction School of Fish





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external adaptation

interaction of network with context

C Aalto University

**O** Design of Structures

A

**Predator Avoidance** Swarm Attraction/Repulsion

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