

ARK-E1021 Studio Spring

Design of Structures

Input 3: roofscape

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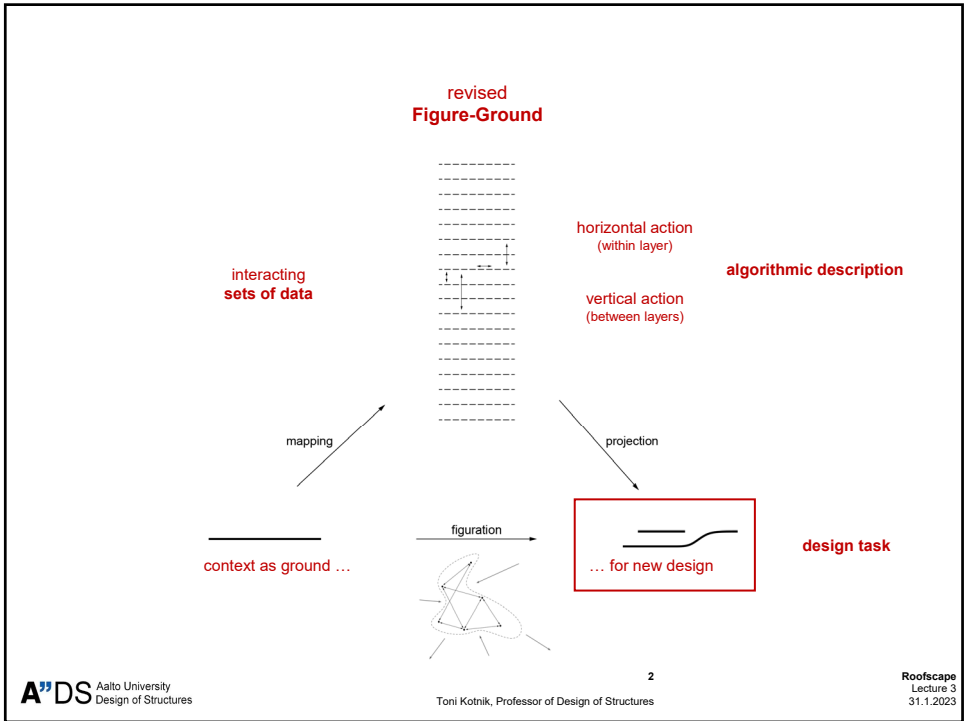
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Roofscape
 Lecture 3
 31.1.2023

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Jørn Utzon: pagoda sketch, 1962

Jørn Utzon: Sydney Opera sketch, 1959

Alvar Aalto: Maison Louis Carré model, 1962

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Ludwig Mies van der Rohe. National Gallery
Berlin, Germany, 1968

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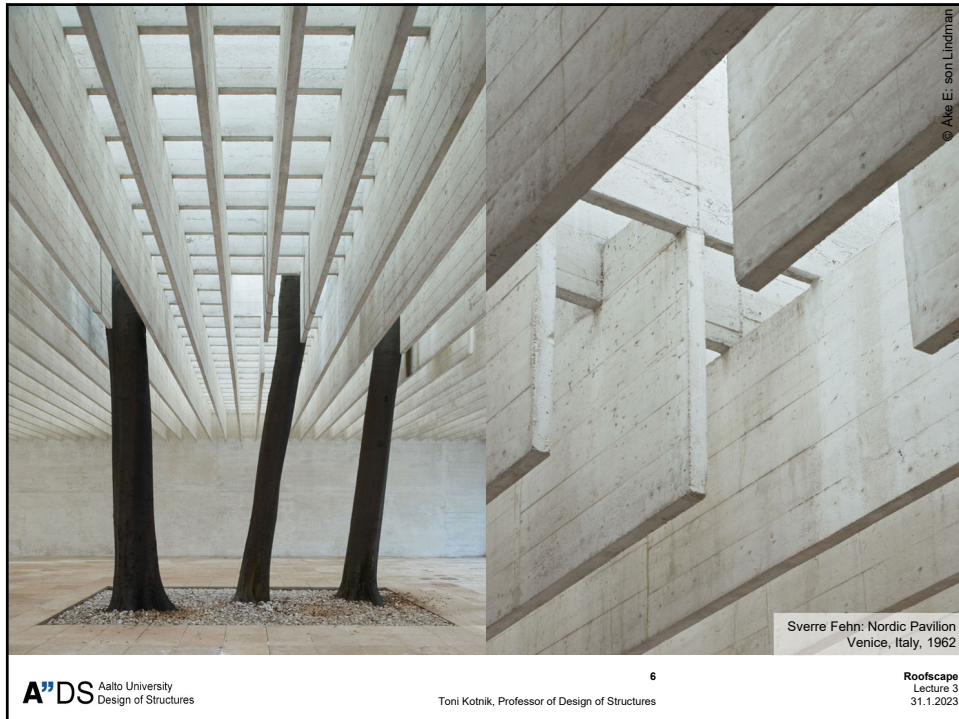
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Paulo Mendes de Rocha: Brazilian Pavilion
Osaka, Japan, 1970

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Jørn Utzon: Opera House
Sydney, Australia, 1957-73

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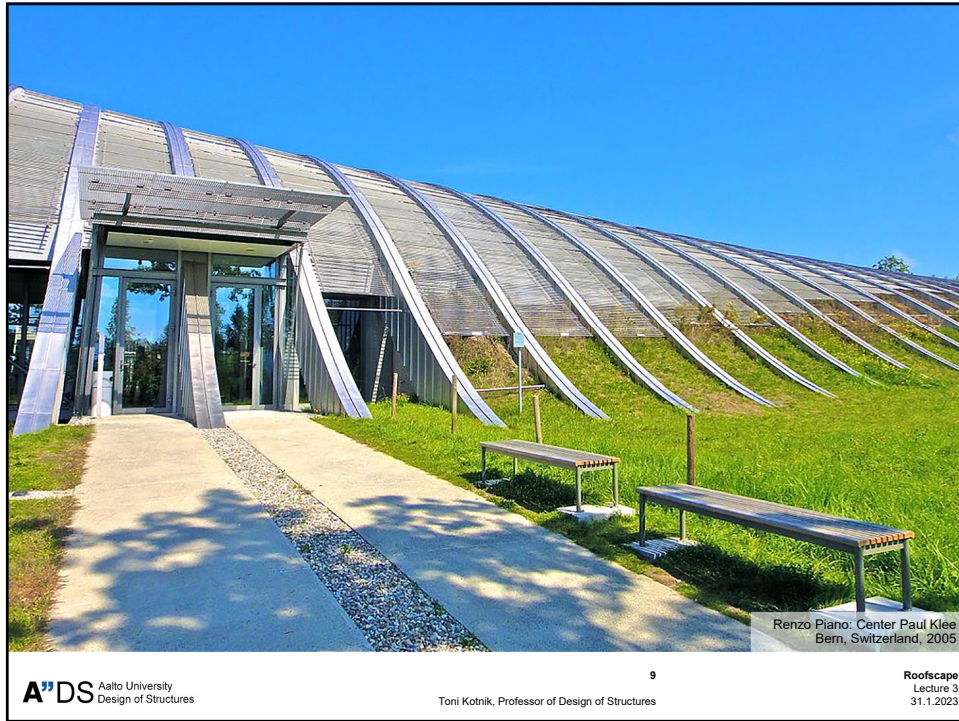
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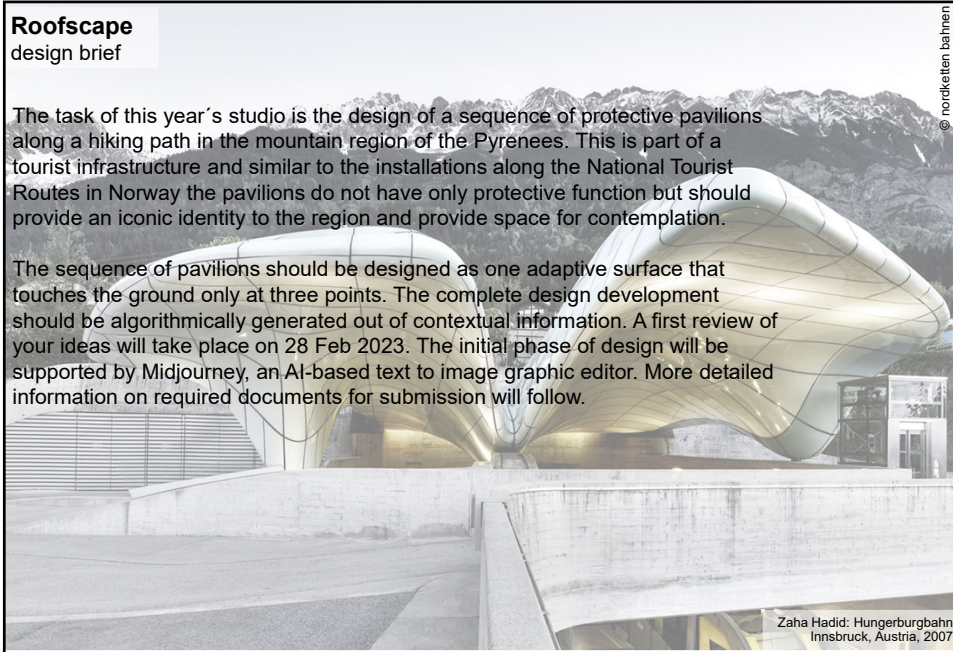
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Roofscape

design brief

The task of this year's studio is the design of a sequence of protective pavilions along a hiking path in the mountain region of the Pyrenees. This is part of a tourist infrastructure and similar to the installations along the National Tourist Routes in Norway the pavilions do not have only protective function but should provide an iconic identity to the region and provide space for contemplation.

The sequence of pavilions should be designed as one adaptive surface that touches the ground only at three points. The complete design development should be algorithmically generated out of contextual information. A first review of your ideas will take place on 28 Feb 2023. The initial phase of design will be supported by Midjourney, an AI-based text to image graphic editor. More detailed information on required documents for submission will follow.



Zaha Hadid: Hungerburgbahn
Innsbruck, Austria, 2007