

PAPER NAME

Webinar Siantek UPB.pdf

WORD COUNT

158 Words

CHARACTER COUNT

1066 Characters

PAGE COUNT

16 Pages

FILE SIZE

2.2MB

SUBMISSION DATE

May 2, 2023 2:04 PM GMT+7

REPORT DATE

May 2, 2023 2:05 PM GMT+7

● 11% Overall Similarity

The combined total of all matches, including overlapping sources, for each database.

- 11% Internet database
- 11% Submitted Works database
- 0% Publications database

● Excluded from Similarity Report

- Crossref database
- Crossref Posted Content database
- Bibliographic material
- Quoted material
- Small Matches (Less than 10 words)
- Manually excluded text blocks



Arsitektur Digital Sudah Datang

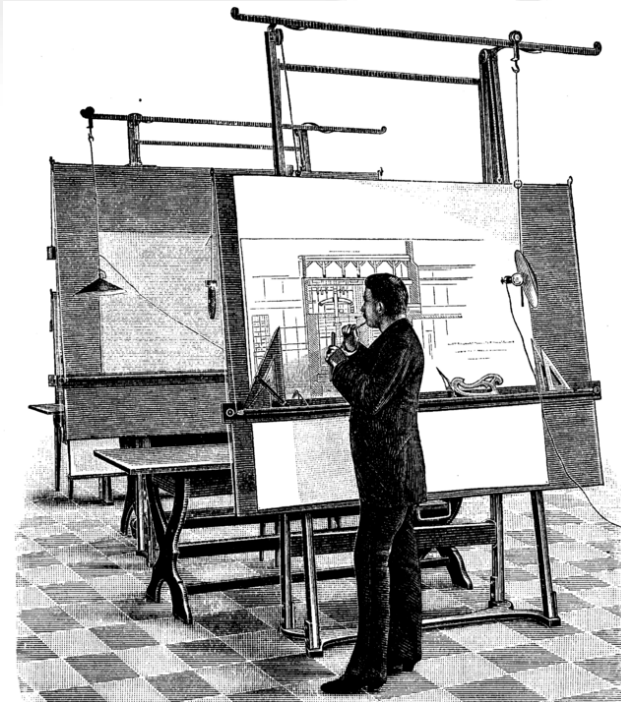
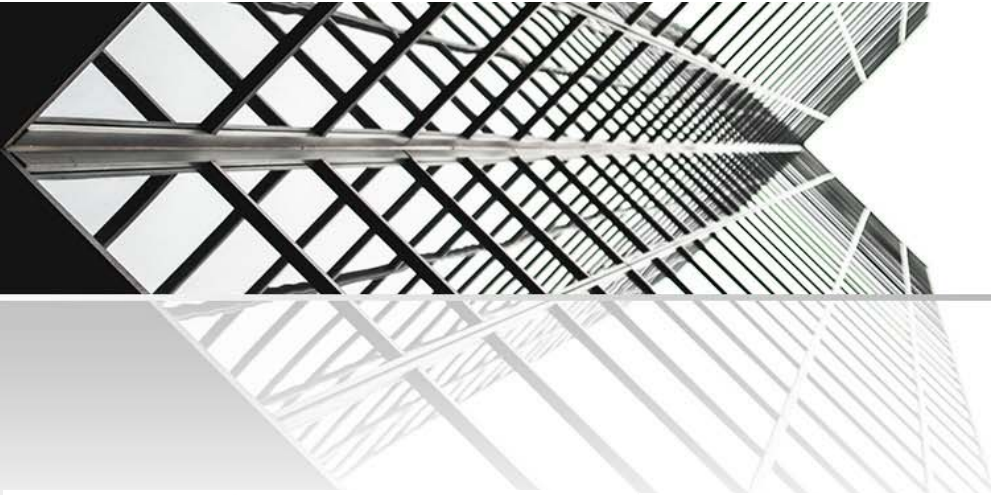
Prof. Dr.-Ing. L.M.F. Purwanto

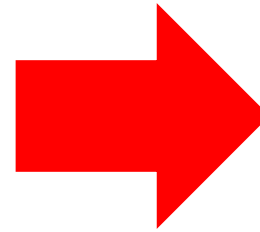
Disajikan dalam Seminar Nasional Saintek I
Universitas Pelita Bangsa
16 Juli 2022

Arsitektur tradisional



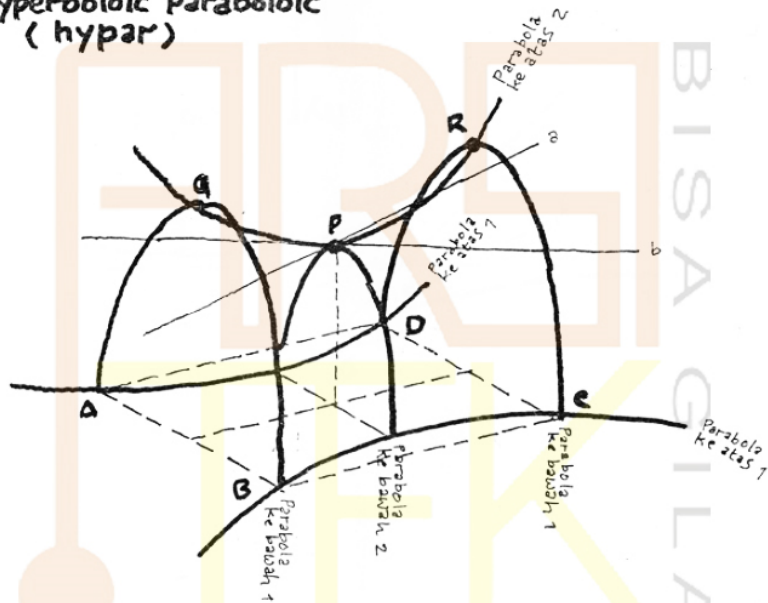
Menggambar teknik





Multidisiplin

hyperbolic paraboloid
(hypar)



a) garis lurus melalui P (Puncak Parabola ke bawah 2) sebenarnya terletak pada bidang Hypar.

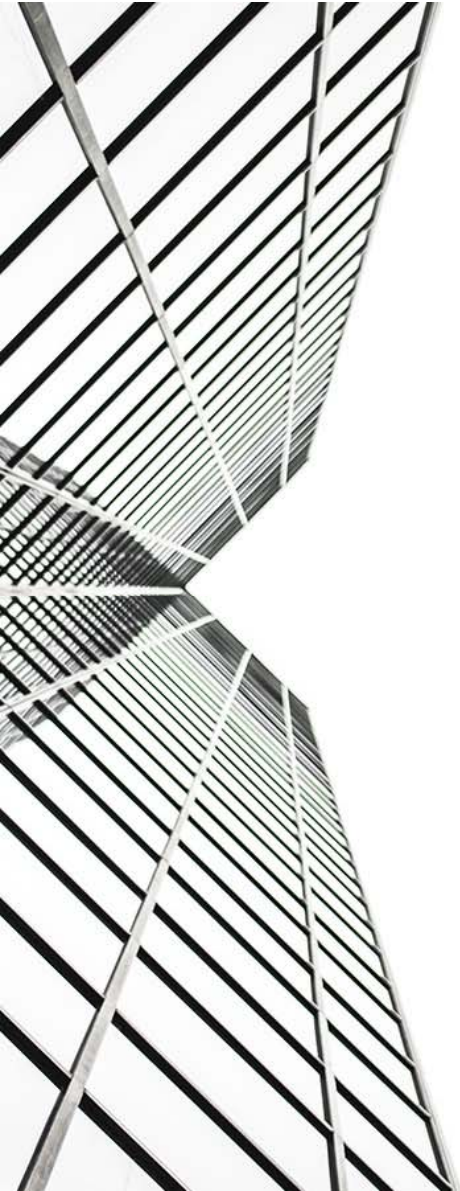
• titik P juga merupakan titik terendah dari parabola membuka ke atas 2





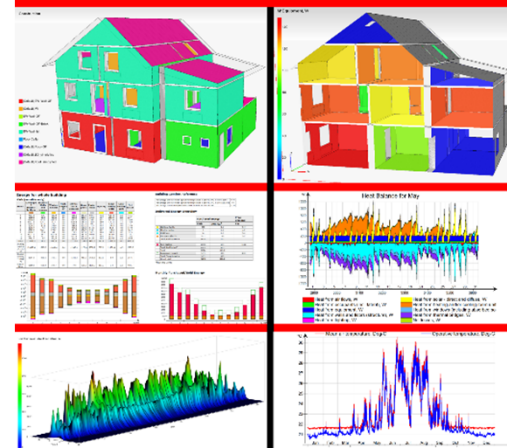
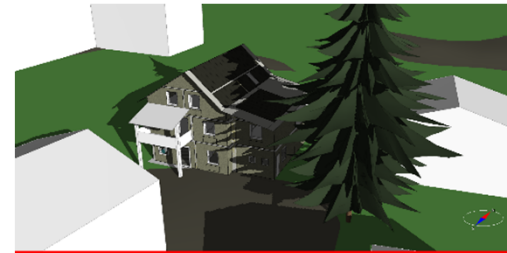
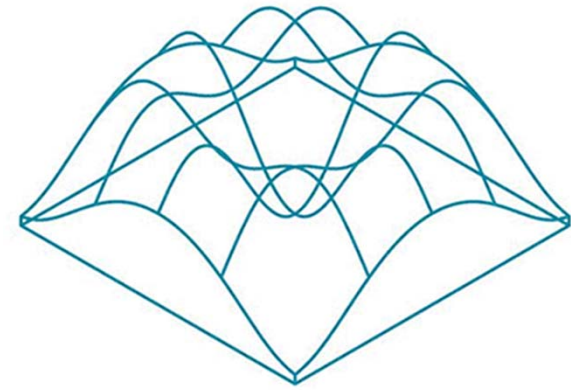
Digital Era

- Computers are **famously versatile** machines. One could use CAD/CAM technologies to mass-produce boxes and blobs, indifferently
- Today, many technologically savvy designers use **open-source software**, or exploit other collaborative aspects of networked technologies



Digital Design Architecture

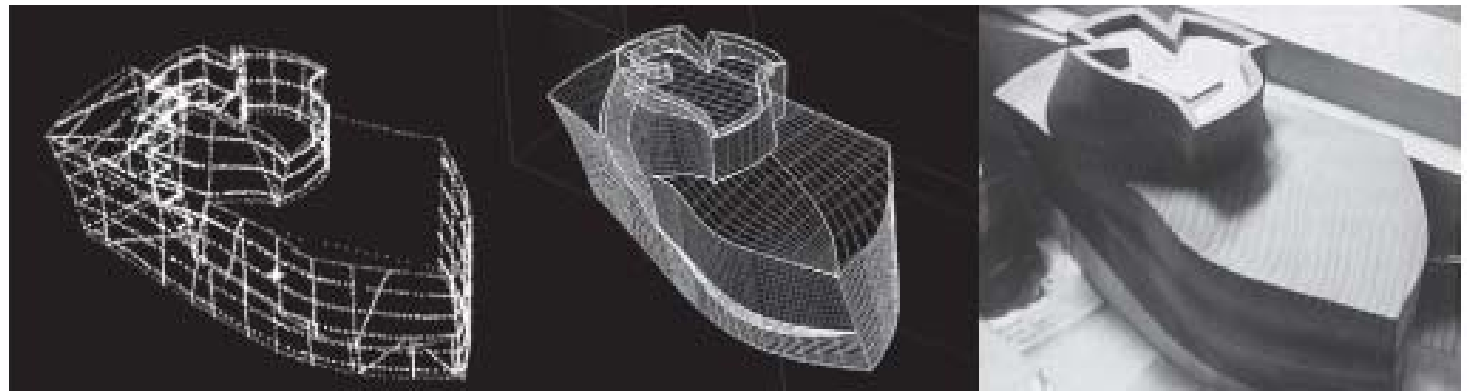
- Form Finding
- Building Performance
- New building material



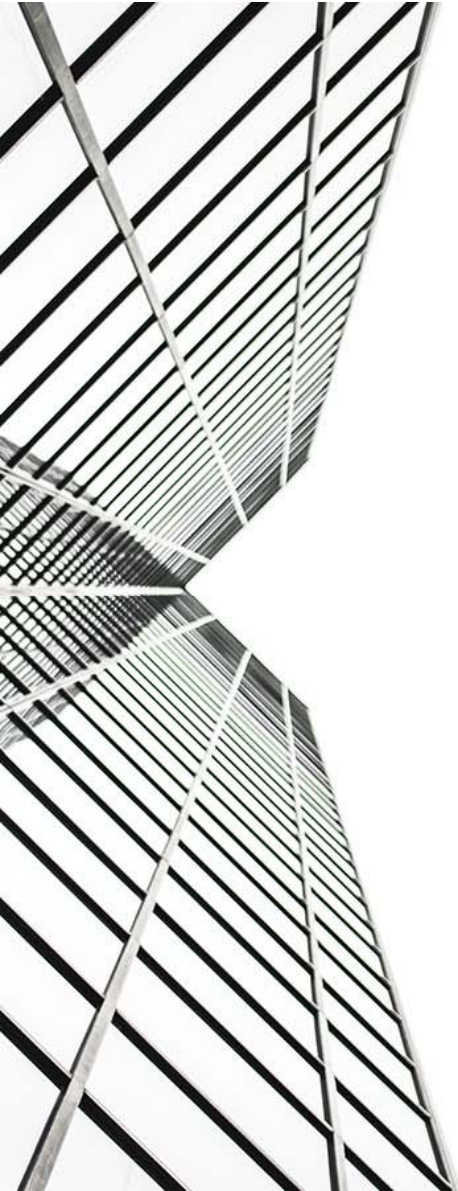


THREE-DIMENSIONAL SCANNING: FROM PHYSICAL TO DIGITAL

- digitized points
- digital surface reconstruction
- digitally fabricated model



DIGITAL FABRICATION: FROM DIGITAL TO PHYSICAL





Design in Virtual

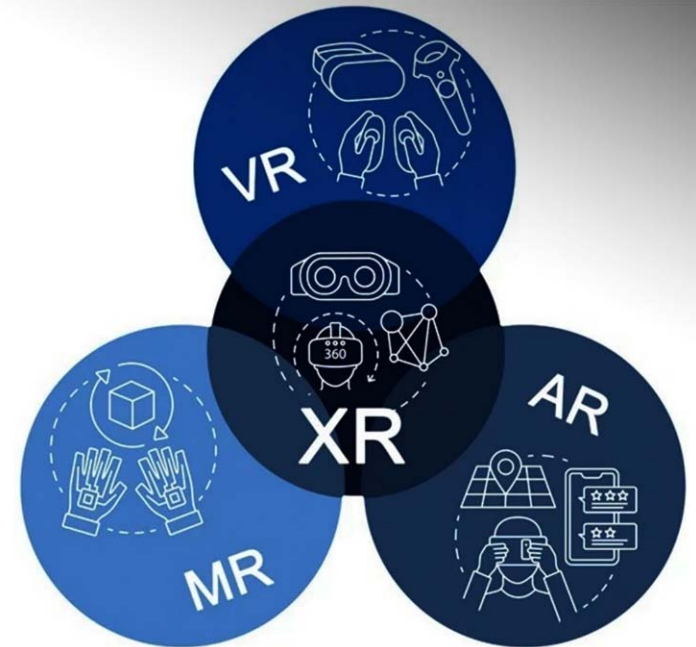


VERTISAN



Metaverse architecture

- Virtual Reality
- Augmented Reality
- Mixed Reality
- Extended Reality





S3 ARSITEKTUR DIGITAL

- Deskripsi**
- Lulusan
- Fasilitas
- Kegiatan Mahasiswa
- Mata Kuliah

Deskripsi Program

Program Studi Doktor Arsitektur Konsentrasi Arsitektur Digital berada di Fakultas Arsitektur dan Desain Universitas Katolik Soegijapranata hadir untuk menjawab perkembangan dunia yang memasuki era digital dan perkembangan keilmuan arsitektur yang banyak didukung oleh program simulasi komputer. Program Studi Doktor Arsitektur Konsentrasi Arsitektur

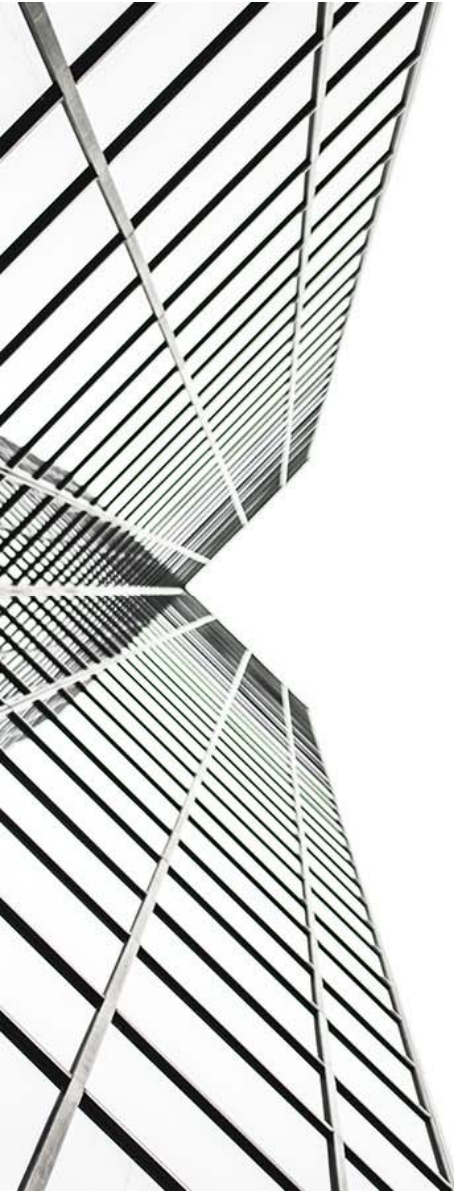
Digital berdasar Surat Keputusan Menteri Pendidikan dan Kebudayaan Republik Indonesia No 196/M/2020 berkomitmen untuk mengembangkan keilmuan dalam bidang Arsitektur digital dengan tetap memperhentikan kepedulian terhadap lingkungan

Mahasiswa Program Studi Doktor Arsitektur Konsentrasi Arsitektur Digital dapat mengembangkan penelitian disertasi dari berbagai sub bidang arsitektur

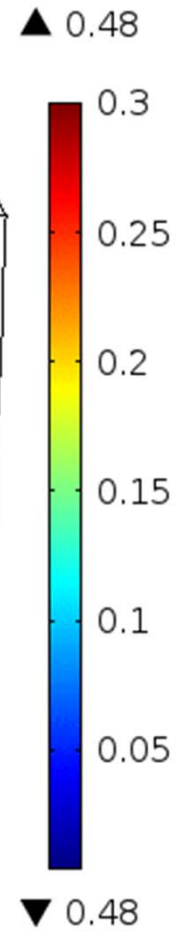
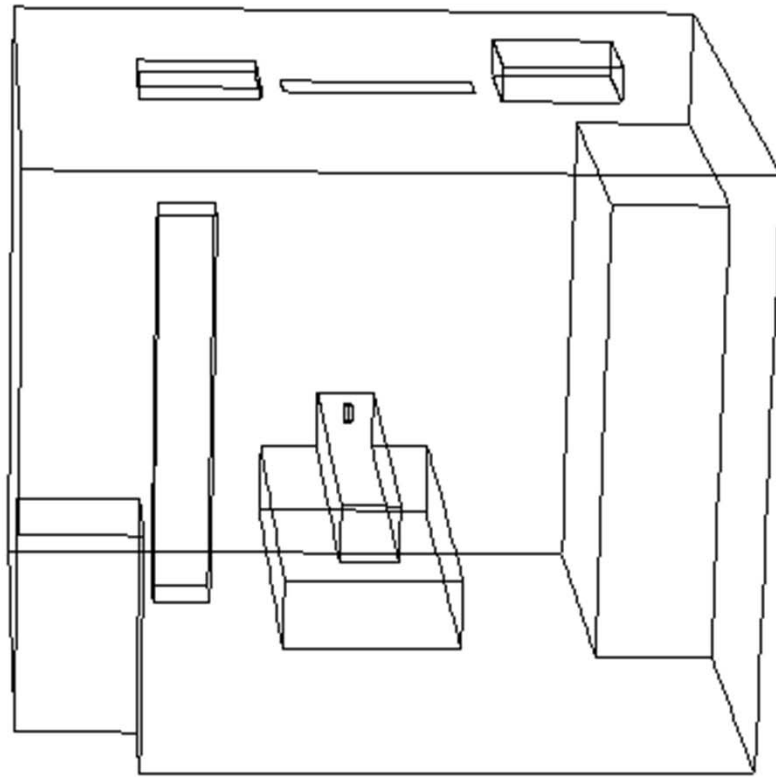
Activate Windows
Go to Settings to activate Windows.



Simulation in architecture



Time=0 s



Digital Architecture

- Unlimited form
- New lifestyle





Kita ada dimana nantinya?

- Kemampuan Arsitek tidak hanya menyajikan desain dengan **batasan** antara designer, klien dan karya, tapi akan **menyatukan** ketiganya
- Arsitek masa depan masuk ke dunia virtual dan menghadirkan dalam karya dengan **menekan risiko** sekecil mungkin

A decorative graphic on the left side of the slide. It features a grid of black and white lines that appears to be a perspective view of a grid receding into the distance. A horizontal line is drawn across the middle of the grid, and the grid pattern continues below it, creating a sense of depth and reflection.

Terima Kasih

● 11% Overall Similarity

Top sources found in the following databases:

- 11% Internet database
- 0% Publications database
- 11% Submitted Works database

TOP SOURCES

The sources with the highest number of matches within the submission. Overlapping sources will not be displayed.

1

es.b-ok.cc

Internet

11%

● Excluded from Similarity Report

- Crossref database
- Bibliographic material
- Small Matches (Less than 10 words)
- Crossref Posted Content database
- Quoted material
- Manually excluded text blocks

EXCLUDED TEXT BLOCKS

One could use CAD/CAM technologies to mass-produce boxes and blobs, indiffere...

es.b-ok.cc