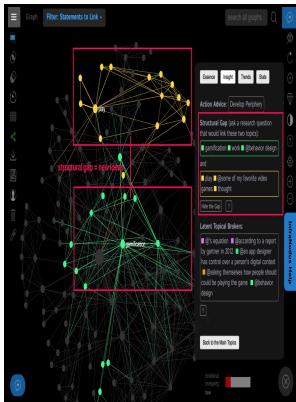


# Development of the NODUS space structural system.

[University of Surrey & British Steel Corporation] - Tensegrity Structures: What They Are and What They Can Be



Description: -

-development of the NODUS space structural system

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Notes: Paper presented at the official opening of the Space Structures Research Laboratory, 12th April, 1972.

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Tags: #1. #Introduction #to #space #frames

arch

The Industrial Revolution dramatically changed the situation, leading to the rapid development of new materials, products and techniques. This structure type suitable for building up to 100 storeys.

## Characteristic Analysis of the Village and Town Structure

The highly efficient funicular forms are used for the longest spans. Buildings with framed structural systems and specialized enclosures were developed to their modern state in commercial high-rise construction in the US, primarily in Chicago. Dragonfly wings possess great stability and high load-bearing capacity during flapping flight, glide, and hover.

## Characteristic Analysis of the Village and Town Structure

This paper describes six full-scale tests performed on spatial structures to investigate their structural response.

## Characteristic Analysis of the Village and Town Structure

Bibliographic References DA SILVA, Julia Teles; FARBIARZ, Jackeline Lima. Two types of joint: pentagonal joint and hexagonal joint.

## Construction

In 1942, developed a mathematical basis for finite element analysis. Schueller, Wolfgang, The Vertical Building Structure. Curvature classification Space plane covers Barrel vaults Spherical domes 2.

## Space frames

They are light weight constructions using -Shell structures achieve the most pure synthesis of architectural and structural forms. It creates an

interconnected structure that works biologically like muscles and bones, where one element strengthens the other.

## Related Books

- [Greenhouse effect - living in a warmer Australia](#)
- [National experience - a history of the United States](#)
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