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**July 5th, 2018 - Frei Otto Who Was Born In Berlin On 31 05 1925 And Died On The 09 03 2015 Was One Of The Most Innovative People Working In Architecture From 1950 To 1990 He Was The Son And Grandson Of Stonemasons And Sculptors But Spent Most Of His Free Hours In His Youth Building Model Planes And Gliders He Was Drafted Into The German Air Force Towards "frei otto bodo rasch finding form towards an**

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**Frei Otto A Life In Projects Dezeen Com**  
March 11th, 2015 - Dezeen Remembers 2015 Pritzker Laureate Frei Otto With Some Of The Best Projects From His Pioneering Career As A Champion Of Tensile And Membrane Architecture'

## 'Biography Frei Otto The Pritzker Architecture Prize

**July 9th, 2018 - Engineers in his studio were early adopters of computers for structural analysis of Frei Otto's projects but the basic input data for these calculations came from the physical form finding models"** Frei Otto Tag ArchDaily

July 8th, 2018 - In Their Notes On The Selection Of Frei Otto As The 2015 Pritzker Prize Laureate The Jury Described Him As An Architect That Took His Work Beyond The Boundaries Of The Discipline As An Architect Who

Was Also A "researcher Inventor Form Finder Engineer Builder Teacher Collaborator Environmentalist And Humanist "

## 'Frei Otto Heritage and Prospect Irmgard Lochner

June 13th, 2016 - Frei Otto Heritage and Prospect Irmgard Lochner Aldinger School of Architecture and Environmental Engineering Biberach University of Applied Sciences Germany International Journal of Space Structures'

**In Memoriam Frei Otto MEHGIES**

June 14th, 2018 - Frei Otto Was One Of The First Who Started Thinking Outside The Box And Using Textiles For Architecture Even If Low Amp Bonar Started To Coat Fabrics In 1944 He Was The Driving Force For The Huge

Development Of The Textile Architecture Sector For The Past 50 Years And Gave Us Much Input To Our Work For Designing Tensile Structures We Are Thankful For The Great Cooperation And His Inspiring Work," **Biography**

## **Frei Otto The Pritzker Architecture Prize**

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**frei otto s contribution legacy to parametric design and**

June 8th, 2018 - abstract this paper investigates frei otto s work and suggests that it has impacted today s parametric design methodology and computational form finding tools it attempts to trace elements of his work and writings

in" *frei otto by christine mansour on prezi*

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*may 19th, 2015 - architect frei otto introduced the concept of “form finding” in opposition to the shaping of forms which in his opinion can only result in a deformation he instead wanted to find to explore and to optimize form today methods of light construction are being optimized by means of adaptive structural systems into an ultra light*"Frei Otto by Christine Mansour on Prezi

*May 19th, 2015 - Architect Frei Otto introduced the concept of “form finding” in opposition to the shaping of forms which in his opinion can only result in a deformation He instead wanted to find to explore and to optimize form Today methods of light construction are being optimized by means of adaptive structural systems into an ultra light*"Frei Otto Spanning the Future Home Facebook

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**September 7th, 2013 - term form finding was brought by the German architect Frei Otto for the first time due to his contribution of using the physical models as design engine and form finding tool Otto is recognized as pioneer of the parametric design in architecture 3 Otto was specialized in lightweight tensile and membrane structures the forms were derived"Finding Form Towards an Architecture of the Minimal by**

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**March 29th, 2016 - The Life And Works Of Frei Otto Told In His Own Words And By Those He Inspired An In Depth Look At The Rise Of Lightweight Architecture Form Finding And Its Continued Relevance For The Future Of Architecture'**

**'Frei Otto A Life In Projects Dezeen Com**

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March 11th, 2015 - Dezeen Remembers 2015 Pritzker Laureate Frei Otto With Some Of The Best Projects From His Pioneering Career As A Champion Of Tensile And Membrane Architecture'

**'Frei Otto Wikipedia**

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*June 11th, 2018 - it was during the í õ ñ ì's that frei otto developed the engineering principles for building with membranes the form finding methods the form finding methods'*

**'Tensile structure Wikipedia**

*July 12th, 2018 - A tensile structure is a construction of elements carrying only tension and no compression or bending The term tensile should not be confused with tensegrity which is a structural form with both tension and compression elements'*

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June 14th, 2018 - The “branching pattern” or “spine pattern” studies conducted by Frei Otto and Bodo Rasch have been documented in their book ”Finding Form Towards an Architecture of the Minimal”**Frei Otto Spanning the Future**

~~July 13th, 2018 - His approach to form finding to solve structural as well as social problems is the foundation for modern architecture Frei Otto Spanning the Future takes architecture fans on a journey through a history of architecture that inspires the world of tomorrow'~~

'frei otto and the development of gridshells sciencedirect

July 5th, 2018 - frei otto who was born in berlin on 31 05 1925 and died on the 09 03 2015 was one of the most innovative people working in architecture from 1950 to 1990 he was the son and grandson of stonemasons and sculptors but spent most of his free hours in his youth building model planes and gliders he was drafted into the german air force towards'

'Frei Otto Biography Christine Mansour Academia Edu

June 28th, 2018 - Frei Otto Biography Frei Otto Is A German Architect And Structural Engineer Whose Work Continues To Inspire Generations Particularly Leading British Architects Whereas Richard Rogers Grimshaw Cullinan Hopkins Jiricna And Norman Foster All Owe Him A Huge Debt'

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June 16th, 2018 - Frei Otto and Eda Schaur theories and the IL form finding models Referring to his previous work developed at IL Frei Otto presents in Occupy ing and Connecting 2011 a theory about the phenomena of urban networks"**Frei Otto Bodo Rasch Finding Form by carlos jimenez Issuu**

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*'Frei Otto Heritage and Prospect Irmgard Lochner*

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June 6th, 2018 - Frei Otto Is Perhaps Best Known For His Work In Form Finding With Soap Film Models In The Pre Computer Era This Process Was Rigorously Tested Photographed And Analyzed With More Than Seven Versions Of Any Model Used Before A Final Form Was Established And The

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Process Could Advance Toward Building A Tensile Membrane Structure"~~CI TECHNIQUES SKOPURI~~

~~JUNE 14TH, 2018 - THE "BRANCHING PATTERN" OR "SPINE PATTERN" STUDIES CONDUCTED BY FREI OTTO AND BODO RASCH HAVE BEEN DOCUMENTED IN THEIR BOOK "FINDING FORM TOWARDS AN ARCHITECTURE OF THE MINIMAL"~~*DVD — Frei Otto Spanning the Future*

*June 26th, 2018 - The life and works of Frei Otto told in his own words and by those he inspired An in depth look the rise of lightweight architecture and form finding this film takes architecture fans on a journey through a history of architecture that inspires the world of tomorrow Featuring Frei Otto Zaha"Amazon Com Frei Otto*

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**'Integrating form structure and acoustics A computational**

July 10th, 2018 - The work described in this paper could show a possible way of expanding Frei Otto's two step design method which was based on the sequential use of a form finding model first – to literally "find" structural form –

and then a technological model – to study the tectonic aspects of the structure and endow it with materiality'

**'FREI OTTO AMP BODO RASCH FINDING FORM MORPHOCODE**

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JULY 6TH, 2018 - FREI OTTO IS ONE OF THE MOST EMBLEMATIC ARCHITECTS AND ENGINEERS OF THE 20TH CENTURY RENOWNED FOR HIS RESEARCH IN LIGHTWEIGHT TENSILE STRUCTURES HIS BOOK FINDING FORM TOWARDS AN ARCHITECTURE OF THE MINIMAL IN AUTHORSHIP WITH ARCH BODO,RASCH IS AN INTERESTING RESOURCE SELF FORMATION AND NATURAL CONSTRUCTIONS ARE SUBJECTS THAT NEED A GREAT DEAL OF **Research development and daring – Frei Otto wins the**

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June 16th, 2018 - Frei Otto German architect and structural engineer noted for his use of lightweight structures in particular tensile and membrane structures including the roof of the Olympic Stadium in Munich for the 1972 Summer Olympics Otto won the RIBA Royal Gold Medal in 2006 and was awarded the Pritzker Architecture Prize in 2015"Frei Otto Rasch Bodo Finding Form ISBN 978 3 930698

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**'FREI OTTO MUNICH OLYMPIC STADIUM TENT BUILDINGS AND**

MAY 5TH, 2014 - FREI OTTO 31 MAY 1925 GERMAN ARCHITECT AND STRUCTURAL ENGINEER LIFE ••••• BEGAN EXPERIMENTING WITH TENTS FOR SHELTER AFTE"*video frei otto experimenting with soap bubbles archdaily*

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