

1. Record Nr.	UNINA9910797161603321
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Titolo	Morphing : a guide to mathematical transformations for architects and designers // Joseph Choma
Pubbl/distr/stampa	London : , : Laurence King Publishing, , 2015
ISBN	1-78067-722-7 1-78067-721-9
Edizione	[1st edition]
Descrizione fisica	1 online resource (232 p.)
Disciplina	516.2
Soggetti	Architecture - Composition, proportion, etc Architectural design Geometry in architecture Architecture - Mathematics Transformations (Mathematics) Trigonometry
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Introduction; Transformations; Shaping; Translating; Cutting; Rotating; Reflecting; Scaling; Modulating; Ascending; Spiralling; Texturing; Bending; Pinching; Flattening; Thickening; Combining Transformations; Cutting and Spiralling; Scaling and Spiralling; Modulating and Spiralling; Spiralling and Ascending; Texturing and Spiralling; Bending and Spiralling; Spiralling and Bending; Pinching and Spiralling; Flattening and Spiralling; Spiralling and Flattening; Spiralling and Thickening; Combining Shapes; A Mound; A Meandering Mound; A Leaning Mound; A Steeper Mound; A Creased Mound A Creassed and Pinched Mound A Wedge; A Ridge and Trench; Two Ridges; Another Ridge and Trench; A Valley; Moguls; Analyzing; Japan Pavilion - Shigeru Ban Architects; UK Pavilion - Heatherwick Studio; Mur Island - Acconci Studio; Son-O-House - NOX/Lars Spuybroek; Ark Nova - Arata Isozaki and Anish Kapoor; Looptecture F - Endo Shuhei Architect Institute ; Mercedes-Benz Museum - UNStudio; Developing Surfaces; Plane to Cylinder; Cylinder with Ascending; Cylinder with Texturing and Ascending; Cylinder with Flattening, Texturing and

Ascending; Cylinder with Modulating, Flattening and Texturing  
Plane to ConeCone with Spiralling; Cone with Spiralling and Texturing;  
Cone with Spiralling, Texturing and Modulating; Cone with Spiralling,  
Texturing and More Modulating; Assumptions; Bibliography;  
Acknowledgements

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## Sommario/riassunto

Cylinders, spheres and cubes are a small handful of shapes that can be defined by a single word. However, most shapes cannot be found in a dictionary. They belong to an alternative plastic world defined by trigonometry: a mathematical world where all shapes can be described under one systematic language and where any shape can transform into another. This visually striking guidebook clearly and systematically lays out the basic foundation for using these mathematical transformations as design tools. It is intended for architects, designers, and anyone with the curiosity to understand the link b

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