

Architects + Engineers = Structures

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Abstrak

his book applauds the union of architecture and engineering both today and throughout the history of building and construction.

The relationship between the two fields is multifaceted. Some architects may have had an engineering background, and some engineers have experience of architecture. Some unacknowledged engineers have stood modestly behind great architects, and a number of architects have been encouraged and supported by their engineer-collaborators in designing structures that appear to defy gravity.

Architects + Engineers = Structures focuses on the ideal: on a cohesive building design team where the members contribute equally, resulting in unique and exceptional designs. These are architects and engineers who entice beauty into buildings not just with lines on paper and calculations but with intuition, innovation and feeling for the needs of people, materials, strength, proportion, lightness and elegance.

Structures featured include:

- * dome of the Cathedral of Santa Maria del Fiore, Florence
- * Church of the Sagrada Familia, Barcelona
- * Eiffel Tower, Paris
- * Sydney Opera House, Sydney
- * Marina City, Chicago
- * Olympic Swimming Pool Arena, Tokyo
- * London Eye, London
- * many other international examples, both celebrated and less well-known

This subject is very important, and I hope the book will attract the attention of many architects and engineers." Professor Mamoru Kawaguchi

Also by Ivan Margolius: