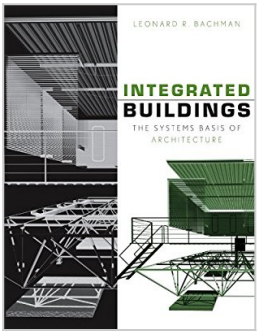

Integrated Buildings: The Systems Basis of Architecture

By Leonard R. Bachman

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An "anatomical" study of building systems integration with guidelines for practical applications

Through a systems approach to buildings, Integrated Buildings: The Systems Basis of Architecture details the practice of integration to bridge the gap between the design intentions and technical demands of building projects. Analytic methods are introduced that illustrate the value, benefit, and application of systems integration, as well as guidelines for selecting technical systems in the conceptual, schematic, and design development stages of projects.

Landmark structures such as Eero Saarinen's John Deere Headquarters, Renzo Piano's Kansai International Airport, Glenn Murcutt's Magney House, and Richard Rogers's Lloyd's of London headquarters are presented as part of an extensive collection of case studies organized into seven categories:

- Laboratories
- Offices
- Pavilions
- Green Architecture
- High Tech Architecture
- Airport Terminals
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Advanced material is provided on methods of integration, including an overview of integration topics, the systems basis of architecture, and the integration potential of various building systems. An expanded case study of Ibsen Nelsen's design for the Pacific Museum of Flight is used to demonstrate case study methods for tracing integration through any work of architecture.

Visually enhanced with more than 300 illustrations, diagrams, and photographs, Integrated Buildings: The Systems Basis of Architecture is a valuable reference guide for architecture and civil engineering students, as well as architects, engineers, and other professionals in the construction industry.

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Editorial Review

Review
"It's a wonderful collection of 30 case-studies." (*SBSE Newsletter*, Spring 2003)

From the Back Cover
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