Department of Civil & Environmental Engineering
Massachusetts Institute of Technology

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Education

- S.B. 1953, MIT
- S.M. 1954, MIT
- Sc.D. 1959, MIT

Research Interests

- Structural engineering
- Computational mechanics
- Intelligent structures

Teaching Interests

- Motion Based Design
- Structural Analysis and Control
- Innovative Online Teaching Methods for Structures
- Master of Engineering Program for High Performance Structures

Selected Publications

1. "Fundamentals of Finite Element Techniques for Structural Engineers", (with C. Brebbia), Butterworth Press, London, July 1973
2. "Analysis of Structural Member Systems", Ronald Press, 1976
3. "Finite Element Techniques for Fluid Flow", (with C. Brebbia), Butterworth Press, London, 1976
4. "A Simple Friction Model for Scissor-type Mobile Structures", J. of Engineering Mechanics, ASCE, March 1993
5. "Fracture MEchanics Approach for Failure of Concrete Shear Key. I: Theory", J. of Engineering Mechanics, ASCE, April 1993
6. "Modelling, Loading, and Preliminary Design Considerations for Tall Guyed Tower", J. of Computers and Structures, Vol. 49, No. 5, December 1993
7. "New Structural Systems for Tall Buildings: The Space-Truss Concept", J. of Structural Design of Tall Buildings, Vol. 4, pp. 155-168, John Wiley, 1995
8. "A New Method for the Design of Tall Buildings: The MIT Design Method", J. of Structural Design of Tall Buildings, Vol. 4. pp.169-184,

John Wiley, 1995

9. "Introduction to Motion Based Design" by J.J. Connor and B.S.A. Klink, Computational Mechanics Publication, May 1996 ISBN:1-85312-454-0

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