Recent developments in steel building design, Selected Biblio, March 1974

L. S. Beedle
L. W. Lu
E. Ozer

Follow this and additional works at: http://preserve.lehigh.edu/engr-civil-environmental-fritz-lab-reports

Recommended Citation
http://preserve.lehigh.edu/engr-civil-environmental-fritz-lab-reports/1642
RECENT DEVELOPMENTS IN STEEL BUILDING DESIGN
SELECTED BIBLIOGRAPHY

by

Lynn S. Beedle
Le-Wu Lu
Erkan Ozer

Department of Civil Engineering

Fritz Engineering Laboratory
Lehigh University
Bethlehem, Pennsylvania

March 1974

Fritz Engineering Laboratory Report No. 237.83A
SELECTED BIBLIOGRAPHY

Books and General Articles

Tall, L., Ed.

American Institute of Steel Construction

Lu, L. W., and Beedle, L. S.

Columns

Johnston, B. G., Ed.

Tebedge, N., and Chen, W. F.

Ozer, E., Okten, O., Morino, S., Daniels, J. H., and Lu, L. W.
EFFECTIVE COLUMN LENGTH AND FRAME STABILITY, Fritz Engineering Laboratory Report 375.2, Lehigh University, 1974.

Connections (Beam-to-Column)

Beedle, L. S., and Christopher, R.

Popov, E. P., and Stephen, R. M.

Fielding, D. J., and Huang, J. S.

Bertero, V. V., Popov, E. P., and Krawinkler, H.

Fielding, D. J., and Chen, W. F.
Huang, J. S., and Chen, W. F.

Chen, W. F., and Newlin, D. E.

Huang, J. S., Chen, W. F., and Beedle, L. S.

Bolted Joints

Fisher, J. W., and Beedle, L. S.

Allan, R. N., and Fisher, J. W.

Fisher, J. W., and Struik, J. H.

Plastic Design of Frames

Beedle, L. S.

Driscoll, G. C., Jr. et al.

Daniels, J. H.

Galambos, T. V., Driscoll, G. C., Jr., and Lu, L. W.
RESEARCH ON PLASTIC DESIGN OF MULTI-STORY FRAMES AT LEHIGH UNIVERSITY, 8th Congress of IABSE, Final Report, September 1968, p. 517.

Beedle, L. S., Lu, L. W., and Lim, L. C.

ASCE - WRC

Daniels, J. H., and Lu, L. W.
Daniels, J. H., and Kim, S. W.  
PLASTIC SUBASSEMBLAGE ANALYSIS AND TESTS FOR RIGID HIGH-RISE STEEL FRAMES,  

Carpenter, L. D., and Lu, L. W.  
REVERSED AND REPEATED LOAD TESTS OF FULL-SCALE STEEL FRAMES, AISI Bulletin  
No. 24, April 1973.

Driscoll, G. C., Jr.  
PLASTIC DESIGN OF UNBRACED MULTI-STORY STEEL FRAMES, American Iron and  
Steel Institute (in preparation)

Load - and Resistance - Factor Design

Galambos, T. V.  
LOAD-FACTOR DESIGN FOR STEEL BUILDINGS, Engineering Journal, AISC,  

Marek, P. J.  
REVIEW OF CZECHOSLOVAK AND FRENCH SPECIFICATIONS, Fritz Engineering  

Interaction Considerations

Daniels, J. H., Kroll, G. D., and Fisher, J. W.  
BEHAVIOR OF COMPOSITE BEAM-TO-COLUMN JOINTS, Journal of the Structural  

Anon.  
BUILDING DESIGN REDUCES STEEL WITH CONCRETE - TUBE WIND BRACING, Engineering  

Daniels, J. H.  
RECENT RESEARCH ON COMPOSITE BEAMS FOR BRIDGES AND BUILDINGS, Civil  
Engineering Transactions, Australian Institution of Engineers, Vol. CE14,  
No. 2, October 1972.

El-Dakhakhni, W. M., and Daniels, J. H.  
FRAME - FLOOR - WALL SYSTEM INTERACTION IN BUILDINGS, Fritz Engineering  
Laboratory Report 376.2, Lehigh University, April 1973.

Grant, J. A., Jr., Fisher, J. W., and Slutter, R. C.  
HIGH-STRENGTH STEEL COMPOSITE BEAMS WITH FORMED METAL DECK AND LOW  
PARTIAL SHEAR CONNECTION, presented at the Second Specialty Conference  
on Cold-Formed Steel Structures at the University of Missouri-Rolla,  
St. Louis, Missouri, October 1973.

duPlessis, D. P., and Daniels, J. H.  
STRENGTH OF COMPOSITE BEAM-TO-COLUMN CONNECTIONS, Fritz Engineering  

duPlessis, D. P.  
ANALYSIS OF UNBRACED FRAMES WITH COMPOSITE FLOORS, Ph.D. Dissertation,  
Lehigh University (in preparation).
Tall Buildings

Khan, F. R.
THE FUTURE OF HIGH-RISE STRUCTURES, Progressive Architecture, October 1972.

Joint Committee on Tall Buildings

Iyengar, S. H.
Steel in Translation covers new developments in blast furnaces, steelmaking, rolled products, tubes, and metal manufacturing as well as unconventional methods of metallurgy and conservation of resources. Papers in materials science and relevant commercial applications make up a considerable portion of the journal’s contents. The design guides ‘Single-Storey Steel Buildings’ and ‘Multi-Storey Steel Buildings’ were produced in the framework of the European project ‘Facilitating the market development for sections in industrial halls and low rise buildings (SECHALO) RFS2-CT-2008-0030’, which was carried out with a financial grant from the European Union’s Research Fund for Coal and Steel. You can change your cookie settings at any time, but parts of our site will not function correctly without them.

The presented design manuals consist of a series of technical guides facilitating the application of the Eurocodes in the design of single-storey and multi-storey steel buildings. Design of joints in steel and composite structures: Eurocode 3: design of steel.


