Structural Journal, V. 106, No. 2, Mar.-Apr., pp. 205-214. doi: 10.14359/56359

Lubell, A. S.; Sherwood, E. G.; Bentz, E. C.; and Collins, M. P., 2004, "Safe Shear Design of Large Wide Beams," *Concrete International*, V. 26, No. 1, Jan., pp. 66-78. doi: 10.14359/19136

Lucier, G.; Walter, C.; Rizkalla, S.; Zia, P.; and Klein, G., 2011a, "Development of a Rational Design Methodology for Precast Concrete Slender Spandrel Beams, Part 1: Experimental Results," *PCI Journal*, V. 56, No. 2, Spring, pp. 88-112. doi: 10.15554/pcij.03012011.88.112

Lucier, G.; Walter, C.; Rizkalla, S.; Zia, P.; and Klein, G., 2011b, "Development of a Rational Design Methodology for Precast Concrete Slender Spandrel Beams, Part 2: Analysis and Design Guidelines," *PCI Journal*, V. 56, No. 4, Fall, pp. 106-133. doi: 10.15554/pcij.09012011.106.133

Lutz, L., 1995, discussion to "Concrete Capacity Design (CCD) Approach for Fastening to Concrete," *ACI Structural Journal*, Nov.-Dec., pp. 791-792. Also, authors' closure, pp. 798-799. doi: 10.14359/5165518

MacGregor, J. G., 1976, "Safety and Limit States Design for Reinforced Concrete," *Canadian Journal of Civil Engineering*, V. 3, No. 4, Dec., pp. 484-513. doi: 10.1139/176-055

MacGregor, J. G., 1993, "Design of Slender Concrete Columns—Revisited," *ACI Structural Journal*, V. 90, No. 3, May-June, pp. 302-309. doi: 10.14359/4237

MacGregor, J. G., 1997, *Reinforced Concrete: Mechanics and Design*, third edition, Prentice Hall, Englewood Cliffs, NJ, 939 pp.

MacGregor, J. G., and Ghoneim, M. G., 1995, "Design for Torsion," *ACI Structural Journal*, V. 92, No. 2, Mar.-Apr., pp. 211-218. doi: 10.14359/1152

MacGregor, J. G., and Hage, S. E., 1977, "Stability Analysis and Design of Concrete Frames," *Journal of the Structural Division*, V. 103, Oct., pp. 1953-1970. doi: 10.14359/51685164

MacGregor, J. G., and Hanson, J. M., 1969, "Proposed Changes in Shear Provisions for Reinforced and Prestressed Concrete Beams," *ACI Journal Proceedings*, V. 66, No. 4, Apr., pp. 276-288. doi: 10.14359/7360

MacGregor, J. G.; Breen, J. E.; and Pfrang, E. O., 1970, "Design of Slender Concrete Columns," *ACI Journal Proceedings*, V. 67, No. 1, Jan., pp. 6-28. doi: 10.14359/7254

Malhotra, V. M., 1976, *Testing Hardened Concrete: Nondestructive Methods*, ACI Monograph No. 9, American Concrete Institute/Iowa State University Press, Farmington Hills, MI, 188 pp.

Malhotra, V. M., 1977, "Contract Strength Requirements— Cores Versus In Situ Evaluation," *ACI Journal Proceedings*, V. 74, No. 4, Apr., pp. 163-172. doi: 10.14359/10998

Mansour, M., and Hsu, T., 2005, "Behavior of Reinforced Concrete Elements under Cyclic Shear. II: Theoretical Model," *Journal of Structural Engineering*, V. 131, No. 11, pp. 54-65. doi: 10.1061/(ASCE)0733-9445(2005)131:1(54)

Marti, P., 1985, "Basic Tools of Reinforced Concrete Beam Design," *ACI Journal Proceedings*, V. 82, No. 1, Jan.-Feb., pp. 46-56. doi: 10.14359/10314 Martin, L., and Korkosz, W., 1995, "Strength of Prestressed Concrete Members at Sections Where Strands Are Not Fully Developed," *PCI Journal*, V. 40, No. 5, Sept.-Oct., pp. 58-66. doi: 10.15554/pcij.09011995.58.66

Mast, R. F., 1968, "Auxiliary Reinforcement in Concrete Connections," *Journal of the Structural Division*, V. 94, June, pp. 1485-1504. doi: 10.14359/16710

Mast, R. F., 1992, "Unified Design Provision for Reinforced and Prestressed Concrete Flexural and Compression Members," *ACI Structural Journal*, V. 89, No. 2, Mar.-Apr., pp. 185-199. doi: 10.14359/3209

Mast, R. F., 1998, "Analysis of Cracked Prestressed Concrete Sections: A Practical Approach," *PCI Journal*, V. 43, No. 4, July-Aug., pp. 80-91. doi: 10.15554/pcii.07011998.80.91

Mast, R. F., 2001, "Vibration of Precast Prestressed Concrete Floors," *PCI Journal*, V. 46, No. 6, pp. 76-86. doi: 10.15554/pcij.11012001.76.86

Mathey, R. G., and Clifton, J. R., 1976, "Bond of Coated Reinforcing Bars in Concrete," *Journal of the Structural Division*, V. 102, Jan., pp. 215-228. doi: 10.14359/16871

Mattock, A. H., 1959, "Redistribution of Design Bending Moments in Reinforced Concrete Continuous Beams," *Proceedings—Institution of Civil Engineers*, V. 13, No. 1, pp. 35-46. doi: 10.1680/iicep.1959.12087

Mattock, A. H., 1974, "Shear Transfer in Concrete Having Reinforcement at an Angle to the Shear Plane," *Shear in Reinforced Concrete*, SP-42, American Concrete Institute, Farmington Hills, MI, pp. 17-42. doi: 10.14359/18149

Mattock, A. H., 1977, discussion of "Considerations for the Design of Precast Concrete Bearing Wall Buildings to Withstand Abnormal Loads," by PCI Committee on Precast Concrete Bearing Wall Buildings, *PCI Journal*, V. 22, No. 3, May-June, pp. 105-106. doi: 10.14359/51685223

Mattock, A. H., 2001, "Shear Friction and High-Strength Concrete," *ACI Structural Journal*, V. 98, No. 1, Jan.-Feb., pp. 50-59. doi: 10.14359/10146

Mattock, A. H., and Hawkins, N. M., 1972, "Shear Transfer in Reinforced Concrete—Recent Research," *PCI Journal*, V. 17, No. 2, Mar.-Apr., pp. 55-75. doi: 10.15554/pcij.03011972.55.75

Mattock, A. H., and Shen, J. F., 1992, "Joints between Reinforced Concrete Members of Similar Depth," *ACI Structural Journal*, V. 89, No. 3, pp. 290-295. doi: 10.14359/3235

Mattock, A. H.; Chen, K. C.; and Soongswang, K., 1976a, "The Behavior of Reinforced Concrete Corbels," *PCI Journal*, V. 21, No. 2, Mar.-Apr., pp. 52-77. doi: 10.15554/pcii.03011976.52.77

Mattock, A. H.; Johal, L.; and Chow, H. C., 1975, "Shear Transfer in Reinforced Concrete with Moment or Tension Acting Across the Shear Plane," *PCI Journal*, V. 20, No. 4, July-Aug., pp. 76-93. doi: 10.15554/pcij.07011975.76.93

Mattock, A. H.; Kriz, L. B.; and Hognestad, E., 1961, "Rectangular Concrete Stress Distribution in Ultimate Strength Design," *ACI Journal Proceedings*, V. 57, No. 8, Feb., pp. 875-928. doi: 10.14359/8051

Mattock, A. H.; Li, W. K.; and Wang, T. C., 1976b, "Shear Transfer in Lightweight Reinforced Concrete," *PCI* 

