

- Pfeifer, D. W., and Nelson, T. A., 1983, "Tests to Determine the Lateral Distribution of Vertical Loads in a Long-Span Hollow-Core Floor Assembly," *PCI Journal*, V. 28, No. 6, Nov.-Dec., pp. 42-57. doi: [10.15554/pci.11011983.42.57](https://doi.org/10.15554/pci.11011983.42.57)
- Pfister, J. F., 1964, "Influence of Ties on the Behavior of Reinforced Concrete Columns," *ACI Journal Proceedings*, V. 61, No. 5, May, pp. 521-537. doi: [10.14359/7795](https://doi.org/10.14359/7795)
- Pfister, J. F., and Mattock, A. H., 1963, "High Strength Bars as Concrete Reinforcement, Part 5: Lapped Splices in Concentrically Loaded Columns," *PCA Research and Development Laboratories Bulletin*, V. 5, No. 2, May, pp. 27-40. doi: [10.14359/51685279](https://doi.org/10.14359/51685279)
- Popov, E. P.; Bertero, V. V.; and Krawinkler, H., 1972, "Cyclic Behavior of Three R/C Flexural Members with High Shear," EERC Report No. 72-5, Earthquake Engineering Research Center, University of California, Berkeley, Berkeley, CA, Oct., 91 pp. doi: [10.14359/19326](https://doi.org/10.14359/19326)
- Portland Cement Association (PCA), 1946, "Design of Deep Girders," IS079D, Portland Cement Association, Skokie, IL, 10 pp. doi: [10.14359/51685151](https://doi.org/10.14359/51685151)
- Portland Cement Association (PCA), 1972, *Handbook of Frame Constants*, Skokie, IL, 1972, 34 pp. doi: [10.14359/16511](https://doi.org/10.14359/16511)
- Portland Cement Association (PCA), 1980, "Design and Construction of Large-Panel Concrete Structures," six reports, 762 pp., EB 100D; three studies, 300 pp., 1980, EB 102D, 1976-1980, Portland Cement Association, Skokie, IL.
- Portland Cement Association (PCA), 2011, *Design and Control of Concrete Mixtures*, 15th edition, Portland Cement Association, Skokie, IL, 444 pp.
- Primavera, E. J.; Pinelli, J.-P.; and Kalajian, E. H., 1997, "Tensile Behavior of Cast-in-Place and Undercut Anchors in High-Strength Concrete," *ACI Structural Journal*, V. 94, No. 5, Sept.-Oct., pp. 583-594. doi: [10.14359/507](https://doi.org/10.14359/507)
- Priestley, M. J. N.; Sritharan, S.; Conley, J.; and Pampanin, S., 1999, "Preliminary Results and Conclusions from the PRESSS Five-Story Precast Concrete Test Building," *PCI Journal*, V. 44, No. 6, Nov.-Dec., pp. 42-67. doi: [10.15554/pci.11011999.42.67](https://doi.org/10.15554/pci.11011999.42.67)
- Powers, T. C., 1975, "Freezing Effects in Concrete," *Durability of Concrete*, SP-47, American Concrete Institute, Farmington Hills, MI, pp. 1-11. doi: [10.14359/17603](https://doi.org/10.14359/17603)
- Puranam, A., 2018, "Strength and Serviceability of Concrete Elements Reinforced with High-Strength Steel," PhD dissertation, Purdue University, West Lafayette, IN.
- Rabbat, B. G.; Kaar, P. H.; Russell, H. G.; and Bruce Jr., R. N., 1979, "Fatigue Tests of Pretensioned Girders with Blanketed and Draped Strands," *PCI Journal*, V. 24, No. 4, July-Aug., pp. 88-114. doi: [10.15554/pci.07011979.88.114](https://doi.org/10.15554/pci.07011979.88.114)
- Reineck, K.-H., ed., 2002, *Strut-and-Tie Models*, SP-208, American Concrete Institute, Farmington Hills, MI, 250 pp.
- Reineck, K.-H., and Novak, L. C., eds., 2010, *Further Examples for the Design of Structural Concrete with Strut-and-Tie Models*, SP-273, American Concrete Institute, Farmington Hills, MI, 288 pp.
- Reineck, K., and Todisco, L., 2014, "Database of Shear Tests for Non-slender Reinforced Concrete Beams without Stirrups," *ACI Structural Journal*, V. 111, No. 6, pp. 1363-1372. doi: [10.14359/51686820](https://doi.org/10.14359/51686820)
- Restrepo, J. I., 2002, "New Generation of Earthquake Resisting Systems," *Proceedings, First fib Congress*, Session 6, Osaka, Japan, Oct., pp. 41-60.
- Restrepo, J. I.; Park, R.; and Buchanan, A. H., 1995a, "Tests on Connections of Earthquake Resisting Precast Reinforced Concrete Perimeter Frames of Buildings," *PCI Journal*, V. 40, No. 4, July-Aug., pp. 44-61. doi: [10.15554/pci.07011995.44.61](https://doi.org/10.15554/pci.07011995.44.61)
- Restrepo, J.; Park, R.; and Buchanan, A. H., 1995b, "Design of Connections of Earthquake Resisting Precast Reinforced Concrete Perimeter Frames," *PCI Journal*, V. 40, No. 5, pp. 68-80. doi: [10.15554/pci.09011995.68.80](https://doi.org/10.15554/pci.09011995.68.80)
- Richart, F. E., 1933, "Reinforced Concrete Column Investigation—Tentative Final Report of Committee 105," *ACI Journal Proceedings*, V. 29, No. 2, Feb., pp. 275-282. doi: [10.14359/8273](https://doi.org/10.14359/8273)
- Richart, F. E.; Brandzaeg, A.; and Brown, R. L., 1929, "The Failure of Plain and Spirally Reinforced Concrete in Compression," *Bulletin No. 190*, University of Illinois Engineering Experiment Station, Urbana, IL, Apr., 74 pp. doi: [10.14359/19264](https://doi.org/10.14359/19264)
- Roberts-Wollmann, C. L., and Wollmann, G. P., 2008, "Bearing Strength of Unbonded Monostrand Post-Tensioning Anchors in Slab Edges," *PTI Journal*, V. 6, No. 2, Aug., pp. 29-39.
- Rogowsky, D. M., and MacGregor, J. G., 1986, "Design of Reinforced Concrete Deep Beams," *Concrete International*, V. 8, No. 8, Aug., pp. 46-58. doi: [10.14359/51685228](https://doi.org/10.14359/51685228)
- Rogowsky, D., and Wight, K., 2010, "Load Factors are Load Factors," *Concrete International*, V. 32, No. 7, July, pp. 75-76.
- Roller, J. J., and Russell, H. G., 1990, "Shear Strength of High-Strength Concrete Beams with Web Reinforcement," *ACI Structural Journal*, V. 87, No. 2, Mar.-Apr., pp. 191-198. doi: [10.14359/2682](https://doi.org/10.14359/2682)
- Rose, D. R., and Russell, B. W., 1997, "Investigation of Standardized Tests to Measure the Bond Performance of Prestressing Strand," *PCI Journal*, V. 42, No. 4, July-Aug., pp. 56-80. doi: [10.15554/pci.07011997.56.80](https://doi.org/10.15554/pci.07011997.56.80)
- Rotz and Reifschneider, 1984, "Experimental Evaluation of Steel Embedments Subjected to Combined Axial and Shear," Bechtel Power Corp., Ann Arbor, MI, 100 pp.
- Ruggiero, D. M.; Bentz, E. C.; Calvi, G. M.; and Collins, M. P., 2016, "Shear Response under Reversed Cyclic Loading," *ACI Structural Journal*, V. 113, No. 6, Nov.-Dec., pp. 1313-1324. doi: [10.14359/51689033](https://doi.org/10.14359/51689033)
- Russell, B. W., and Burns, N. H., 1996, "Measured Transfer Lengths of 0.5 and 0.6 in. Strands in Pretensioned Concrete," *PCI Journal*, V. 41, No. 5, Sept.-Oct., pp. 44-65. doi: [10.15554/pci.09011996.44.65](https://doi.org/10.15554/pci.09011996.44.65)
- Rutledge, S., and DeVries, R. A., 2002, "Development of D45 Wire in Concrete," *Report*, School of Civil and Environmental Engineering, Oklahoma State University, Stillwater, OK, Jan., 28 pp.
- Saatcioglu, M., and Razvi, S. R., 2002, "Displacement-Based Design of Reinforced Concrete Columns for