

BIBLIOGRAPHY

1. ABELES, P. W., Discussion on "Mechanics of Crack Arrest in Concrete",
Journal of the Engineering Mechanics Division, ASCE Proc. Vol.90, Feb. 1964,
pp.167-173.
2. ABOLITZ, A. L, Discussion on "Tensile Strength of Concrete Affected by
Uniformly Distributed and Closely Spaced Short Length of wire Reinforcement",
ACI Journal Proc.Vol.61, Dec. 1964, pp. 1651-1656.
3. ACHYUTHA, H. and SABAPATHI P., "Cracking Characteristics of R.C. Beams
with Steel Fibres", International Symposium on Fibre Reinforced Concrete,
Madras 1987, pp. 2.59 - 2.67.
4. ACI Committee 224, "Control of Cracking in Concrete Structures", ACI Journal
Vol.69, Dec. 1972, pp. 717-753.
5. ACI Committee 318, "Building Code Requirements for Reinforced Concrete"
(ACI 318-1977-1983-1989), American Concrete Institute, Detroit,
1977-1983-1989.
6. ACI Committee 544, "State-of-the-Art Report on Fiber Reinforced Concrete",
ACI Journal Vol.70, Nov. 1973, pp. 729-744.
7. ACI Committee 544, "Measurement of Properties of Fiber Reinforced Concrete",
ACI Journal Vol.75, July 1978, pp. 283-289.
8. ACI-ASCE Task Committee 426, "The Shear Strength of Reinforced Concrete
Members", Journal of Structural Division, ASCE, Vol. 99, No. ST6, June 1973,
pp. 1091-1187.

9. ALBANDAR, F. A-A., and MILLS, G. M., "The Prediction of Crack Widths in Reinforced Concrete Beams", Magazine of Concrete Research, Vol.26, Sept.1974, pp. 153-160.
10. ALBRITON, G. E., "Review of Literature Pertaining to the Analysis of Deep Beams", Technical Report No.1-701, U.S. Army Engineer Waterways Experiment Station, Vicksburg, November, 1965.
11. AL TAAN, S.A., and AL-FEEL, J.R., "Role of Steel Fibre Reinforced in Flexure Failure", RILEM Symposium-FRC 86, July 1986.
12. APPL, F. J., "Point-Loaded Discs and Blocks Applicable to Tensile Testing of Brittle Materials", The Journal of Strain Analysis, Vol.7, No.3, July, 1972,pp.178-185.
13. ARCHER, F.E. and KITCHEN, E.M., "Strain Energy Methods for the Solution of Deep Beams", Civil Engineering (London), Vol. 52, No. 618, December, 1957, pp. 1375-1378.
14. ARCHER, F.E. and KITCHEN, E.M., "Stresses in Single Span Deep Beams", Australian Journal of Applied Science, Vol.7, No.4, December, 1958, pp.314-326.
15. ARCHER, F.E. and KITCHEN, E.M., "Stress Distribution in Deep Beams", Civil Engineering (London), Vol.55, No.643, February, 1960, pp. 230-234.
16. BATSON, G., et al., "Steel Fibers as Shear Reinforcement in Beams", ACI Journal Proc. Vol.69, Oct.1972, pp.640-644.

17. BAZANT, Z. P. and KIM, J. K., "Size Effect in Shear Failure of longitudinally Reinforced Concrete Deep Beams", Journal of American Concrete Institute, Oct. 1984. pp 456-467.
18. BROCK, G., Discussion of "The Riddle of Shear Failure and its Solutions", by G.N.J.Kani, Journal of the American Concrete Institute, Vol.61, No.12, December, 1964, pp. 1587-1590, and Author's closure, p.1629.
19. BROWS, B.B., "Crack Width and Crack Spacing in Reinforced Concrete Members", ACI Journal Vol.62, Oct. 1965, pp. 1237-1255.
20. BROMS, B.B., and LUTZ, L.A., "Effects of Reinforcement on Crack Width and Spacing of Reinforced Concrete Members", ACI Journal Vol.62, Nov.1965, pp. 1395-1410.
21. BROMS, B.B., et al., Discussion on "Mechanics of Crack Arrest in Concrete", Journal of the Engineering Mechanics Division, ASCE Vol.90, Feb. 1964, pp. 167-173.
22. BS-8110, "Structural use of Concrete Part-I and II", Code of Practice for Design and Construction, London, British Standards Institute, 1985
23. BUCKLEY, E. L., and EVERARD, N. J., "Prediction of the Modulus of Rupture of Fiber Reinforced Portland Cement Mortar and Concrete", Fiber Reinforced Concrete (ACI Symposium, 1974), SP-44, American Concrete Institute, Detroit, 1974, pp. 163-175.
24. BYUNG HWAN OH, "Flexural Analysis of Reinforced Concrete Beams Containing Steel Fibres", Journal of Structural Engineering, ASCE, Vol.118, No.10, Oct 1992.

25. CAN3-A23.3-M84, "Design of Concrete Structures for Buildings", Canadian Standards Association, Toronto, Canada, 1984.
26. CASHWELL, J.S., "Stresses in Short Beams", The Structural Engineering 12 and 29, Vol.178, No.4633 - 4634, Nov. 1954, pp. 625-628 and 656-658.
27. CEMENT AND CONCRETE ASSOCIATION, "Bibliography on Deep Beams", Library Bibliography No.Ch.71(3/69), London, 1969, 8 pp.
28. CHEN, J., and NAAMAN, A. E., "Stress-Strain Properties of Random Wire Reinforced Concrete", ACI Journal Vol.68, Dec. 1971, pp. 933-936.
29. CHOW, L., CONWAY, H.D. and WINTER, G., "Stresses in Deep Beams", The American Society of Civil Engineers, Vol. 78, Separate No. 127, May, 1952, pp. 686-708.
30. CLARK, A.P., "Cracking in Reinforced Concrete Flexural Members", ACI Journal Vol.52, April 1956, pp.851-862.
31. COMITE EUROPEEN DE BETON, "International Recommendations for the Design and Construction of Concrete Structures", Appendix-3, July, 1987.
32. COMITE EUROPEEN DE BETON-FEDERATION, International de la Precontrainte, "Model code for Concrete Structures", English Edition, Cement and Concrete Association, London, 1990.
33. COMMITTEE ON RESEARCH, "Research needs in Structural Engineering for the Decade 1966-1975", Journal of the Structural Division, ASCE, Vol.92, No. ST5, October, 1966, pp. 287-311.
34. CONSTRUCTION INDUSTRY RESEARCH AND INFORMATION ASSOCIATION, The Design of Deep Beams in Reinforced Concrete, CIRIA Guide 2. Ove Arup and Partners and CIRIA, London, 1987.

35. CONWAY, H.D., CHOW, L. and WORGAN, G.W., "Analysis of Deep Beams",
Journal of Applied Mechanics, ASME, Vol.18, No.2, June, 1951, pp.
163-173.
36. CP-110, "The Structural use of Concrete", British Standards Institute, London,
1972.
37. CRIST, R.A., "Shear Behaviour of Deep Reinforced Concrete Beams", Vol.II:
Static Tests, AFWL-TR-67-61, Kirtland Air Force Base, New Mexico, December,
1967.
38. CRIST, R.A., "Static and Dynamic Shear Behaviour of Uniformly Loaded
Reinforced Concrete Deep Beams", Ph.D. Thesis, University of New Mexico,
1971.
39. CRIST, R.A., "Ultimate Load Behaviour Curves for Reinforced Concrete Flexural
Members", AFWL-TR-66-140, Kirtland Air Force Base, New Mexico, October,
1967.
40. DARWISH I.Y. and NARAYANAN R., "Design Charts for Reinforced and
Prestressed Fibre Concrete Elements", The Structural Engineering, Vol.62,
No.2, Jan 1990, pp.34-39.
41. DAVE, N. J., and PENNINGTON, J.D., "Fibre Reinforced Cement Composite
Concrete Construction Employing Asbestos Cement As Surface
Reinforcement", Fibre Reinforced Materials: Design and Engineering
Applications, Proc. of the Conference, London, 23-24 March 1977, Institution of
Civil Engineers, London, 1977, pp. 109-114.

42. DAVE, N. J., et al., "The Structural Use of Fibrous Cement in Composite Construction", Fiber Reinforced Concrete (ACI Symposium, 1974), SP-44, American Concrete Institute, Detroit, 1974, pp. 511-532.
43. DEMEKE AYELE and TEGOS I.A., "Steel Fibre Reinforced Concrete in Biaxial Stress Tension-Compression Conditions", Journal of American Concrete Intitute, Vol.91, No.5, Oct 1994, pp. 579-584.
44. de PAIVA, H.A.R., "Strength and Behaviour in Shear of Reinforced Concrete Deep Beams Under Static and Dynamic Loading", Ph.D. Thesis, University of Illinois, 1961.
45. de PAIVA, H.A.R. and SIESS, C.P., "Strength and Behaviour of Deep Beams in Shear", Journal of the Structural Division, ASCE, Vol.91, No.ST 5, October, 1965, pp. 19-41.
46. de PAIVA, H.A.R. and SIESS, C.P., "Strength and Behaviour in Shear of Deep Reinforced Concrete Beams under Static and Dynamic Loading", C.E.Studies SRS No.231, University of Illinois, October, 1961.
47. DESAYI, P., "Determination of the Maximum Crack Width in Reinforced Concrete Members", ACI Journal Vol.73, Aug. 1976, pp. 473-477.
48. DESAYI, P., and GANESAN, M., "Estimation of Maximum Crack Width in Reinforced Concrete Flexural Members", The Indian Concrete Journal, Vol.32, April 1980, pp. 106-112.
49. DESAYI, P., and KRISHNAN, S., "Equation for the Stress-Strain Curve of Concrete", ACI Journal. Vol.61, March 1964, pp. 345-350.

50. DIAZ DE COSSIO, R. and SIESS, C.P., "Behaviour and Strength in Shear of Beams and Frames without web Reinforcement", Journal of the American Concrete Institute, Vol.56, February, 1960, pp. 695-735.
51. DISCHINGER, F., "Beitrag zur Theorie der Halbscheibe and des Wandartigen Balken", International Association for Bridge and Structural Engineering, Zurich, Vol.1, 1932, pp. 69-93.
52. DRAFT EUROCODE and CEB-FIP, Draft 84, "Common Unified Rules for Concrete Structures", Eurocode 2.CEC, Brussels.
53. DWARKANATH H.V. and NAGRAJ T.S., "Structural Response of Partially Fibrous Concrete Beams", Journal of Structural Engineering ASCE, Vol.110, No.11, 1982, pp.2798-2812.
54. DWARKANATH H.V. and NAGRAJ T.S., "Comparative Study of Predictions of Flexural Strength of Steel Fibre Concrete", Journal of American Concrete Institute, Nov.-Dec. 1991, pp. 714-720.
55. DWARKANATH H.V. and NAGRAJ T.S., "Deformational Behaviour of Fibre Reinforcement Concrete Beam in Bending", Journal of Structural Engineering, Vol.118, Oct. 1992, pp. 34-39.
56. DWARKANATH, H.V., "Structural Response of Partially Steel Fibre Reinforced Concrete", Ph.D. Thesis, Indian Institute of Science, Bangalore, 1990.
57. EINIEMA, E. I., "Reinforced Concrete Beams with Steel Fibres under Shear", Journal of American Concrete Institute, March 1991. pp 178-183.
58. Fibre Reinforced Concrete Sp-44, American Concrete Institute, Detroit, 1974, 544 pp.

59. FANELLA, D. and NAAMAN, A., "Stress-strain properties of Fibre Reinforced Mortar in Compression", ACI Journal Vol.82, No.4, July-August 1985, pp. 475-483.
60. FATTUHI, N.I., "Corbles with Shear Reinforcement in the form of Stirrups and Fibres", Third International Symposium on Developments in Fibre Reinforced Cement and Concrete, Sheffield, 13-17, July 1986, Vol.II, Paper 8.8.
61. FATTUHI, N.I., "Reinforced Corbels Made with Plain and Fibrous Concretes", Journal of American Concrete Institute, Vol. 91, No.5, Oct 1994, pp. 530-536.
62. FRANTZ G.C. and BREEN J.E., "Control of Cracking on the side faces of large Reinforced Concrete Beams", Research Report, University of Texas, 1980.
63. GERGELEY, P., and LUTZ, L. A., "Maximum Crack Width in Reinforced Concrete Flexural Members", Causes, Mechanism and Control of Cracking in Concrete, SP-20, American Concrete Institute, Detroit, 1966.
64. HALVORSEN, G.T., and KESLER, C.E., "Moment-Curvature Relationships for Concrete Beams with Plain and Deformed Steel Fibers", ACI Journal. Vol.76, June 1979, pp.697-707.
65. HANNANT, D. J., "Steel Fibres and Light Weight Beams", Concrete (London), Vol.6, Aug. 1972, pp. 39-40.
66. HANNANT, D. J., Fibre Cements and Fibre Concretes, John Wiley and Sons, New York, 1978.

67. HANNANT, D.J., and EDGINGTON, J., "Durability of Steel Fibre Concrete", Fibre Reinforced Cement and Concrete (RILEM Symposium, 1975), The Construction Press Limited, Lancaster, 1975, pp. 159-169.
68. HENAGER, C. H., "Ultimate Strength of Reinforced Steel Fibrous Concrete Beams", Fibre Reinforced Materials: Design and Engineering Applications, Proc. of the Conference, London, 23-24 March 1977, Institution of Civil Engineers (London), 1977, pp. 165-173.
69. HENAGER, C.H., and DOHERTY, T.J., "Analysis of Reinforced Fibrous Concrete Beams", Journal of the Structural Engineering Division, ASCE. Vol.102, Jan.1976, pp. 177-188.
70. HENAGER, CHARLES H., and DOHERY TERRANCE J., "Analysis of Reinforced Fibrous Concrete Beams", ASCE, Vol. 102, No. ST1, 1976, pp. 177-188.
71. HUGHES, B. P., and FATTUHI, N.I., "Improving the Toughness of High Strength Cement Paste with Fibre Reinforcement", Journal of Cement Composites, Vol.7, July 1976, pp. 185-188.
72. HUGHES, B. P., and FATTUHI, N.I., "The Workability of Steel-Fibre-Reinforced Concrete", Magazine of Concrete Research, Vol.28, Sept.1976, pp. 157-161.
73. HUGHES, B. P., and FATTUHI, N.I., "Stress-Strain Curves for Fibre Reinforced Concrete in Compression", Cement and Concrete Research, Vol.7, March 1977, pp.173-184.
74. HUGHES, B. P., and FATTUHI, N.I., "Fibre Reinforced Concrete in Direct Tension", Fibre Reinforced Materials: Design and Engineering Applications,

- Proc. of the Conference, London, 23-24 March 1977, Institution of Civil Engineers (London), 1977, pp. 141-147.
75. IBRAHIM, O.T., and LUXMOORE, A. R., "Control of Crack Width by Inclusion of Fibres in Conventionally Reinforced Concrete", Journal of Cement Composites, Vol.1, July 1979, pp. 77-89. 76. IS:456-1978, "Code of Practice for Plain and Reinforced Concrete", Indian Standard (Third Revision), Indian Standards Institution, New Delhi, Sept. 1979.
77. IS:516-1959, "Methods of Tests for Strength of Concrete", Indian Standard (Ninth Reprint), Indian Standards Institution, New Delhi, March 1981.
78. IS:5816-1970, "Methods of Test for Splitting Tensile Strength of Concrete Cylinders", Indian Standard (Ninth Reprint), Indian Standards Institution, New Delhi, March 1971.
79. IYENGAR, K.T.S., and VISWANATHA, C.S., Discussion on "Stress-Strain Properties of Random Wire Reinforced Concrete", ACI Journal. Vol.69, June 1972, pp. 346-349.
80. JOHNSTON, C.D., "Steel Fiber Reinforced Mortar and Concrete: A Review of Mechanical Properties", Fiber Reinforced Concrete (ACI Symposium, 1974), SP-44, American Concrete Institute, Detroit, 1974, pp.127-142.
81. KAMESWARA RAO, C.V.S., "Effectiveness of Random Fibres in Composites", Cement and Concrete Research, Vol.9, Nov.1979, pp. 685-693.
82. KANI, G.N.J., "The Riddle of Shear Failure and its Solution, "Journal of the American Concrete Institute, Vol.61, No.4, April, 1964, pp. 441-467.
83. KAR, J.N., and PAL, A.K., "Strength of Fibre-Reinforced Concrete", Journal of the Structural Engineering Division, ASCE. Vol.98, May 1972, pp. 1053-1068.

84. KEITH GALE, "Steel Fibres Arrest Cracks in Concrete", Civil Engineering and Public Works Review, Vol.68, June 1973, pp. 501-502.
85. KEAR, P.H., "Stresses in Centrally Loaded Deep Beams", Proceedings of Society for Experimental Stress Analysis, Vol.15, No.1, 1957, pp. 77-84.
86. KONG, F.K., Reinforced Concrete Deep Beams, Published by Van Nostrand Reinhold, New York, 1991.
87. KONG, F.K. and SHARP, G.R., "Shear Strength of Lightweight Reinforced Concrete Deep Beams with web Openings", The Structural Engineer, Vol.51, No.8, August, 1973, p. 267.
88. KONG, F.K., ROBINS, P.J. and SHARP, G.R., "The Design of Reinforced Concrete Deep Beams in Current Practice", The Structural Engineer, Vol.53, No.4, April, 1975, pp. 173-180.
89. KONG, F.K. and ROBINS, P.J., "Concrete Deep Beams", Concrete (London), Vol.6, No.3, March, 1972, pp. 34-36.
90. KOTSOVOS, M.D., "Behaviour of Reinforced Concrete Beams with Shear span to Depth ratio between 1 and 2.5, Journal of American Concrete Institute, Vol.81, May-June 1984, pp. 279-286.
91. KOTSOVOS, M.D., "Design of Reinforced Concrete Deep Beams", The Structural Engineering, London, Vol.66, No.2, Jan 1988, pp 28-33.
92. KOTSOVOS, M.D., and et al. "Behaviour of Reinforced Concrete T-beams in Shear", The Structural Engineering, Vol.65B, No.1, March 1987, pp. 1-10.

93. KRISHNARAJU, N., et al., "Compressive Strength and Bearing Strength of Steel Fibre Reinforced Concrete", The Indian Concrete Journal, Vol.51, June 1977, pp.183-188.
94. K.T.SUNDARA RAJA IYENGER, "Contribution to the Analysis of Deep Beams", International Association for Bridge and Structural Engineering, Zurich, 1965, pp. 113-126.
95. KUKREJA, C. B. and CHAWLA SANJEEV, "Flexural Characteristics of Steel Fibre Reinforced Concrete", Indian Concrete Journal, March 1989, pp. 154-157.
96. KUKREJA, C. B., et al., "Tensile Strength of Steel Fibre Reinforced Concrete", The Indian Concrete Journal, Vol.54, July 1980, pp. 184-188.
97. KUKREJA, C. B., et al., "Effect of Steel Fibres on Compressive Strength and Compressive Strain of Concrete", Journal of the Institution of Engineers (India), Civil Engineering Division, Vol.62, Part C1.2, Sept. 1981, pp. 103-108.
98. LAKSHMAN, S., "Studies on Flexural Behaviour of Reinforced Steel Fibrous Concrete", M.Tech Thesis, Department of Civil Engineering, Indian Institute of Technology, Madras, 1981.
99. LAUPA, A., SIESS, C.P. and NEWMARK, N.M., "Strength in Shear of Reinforced Concrete Deep Beams", Bulletin No.428, Engineering Experimental Station, University of Illinois, March, 1955, p. 59-68.
100. LEONHARDT, P. and WALTHER, R., "Wandarliger Trager", Deutacher Aussciuss fur Stahlbeten, Buttelin No.178, Wiluelm Ernst and Sohn, Berlin, 1966.

101. LUKE, C.E., et al., "Steel Fibre Reinforced Concrete Optimization and Applications", Fiber Reinforced Concrete (ACI Symposium, 1974), SP-44, American Concrete Institute, Detroit, 1974, pp. 393-413.
102. LUTZ, L.A., et al., "Increase in Crack Width in Reinforced Concrete Beams under Sustained Loading", ACI Journal. Vol.64, Sept. 1967, pp. 538-546.
103. MANGAT, P.S., "Tensile Strength of Steel Fibre Reinforced Concrete", Cement and Concrete Research, Vol.6, March 1976, pp. 245-252.
104. MANGAT, P.S., and SWAMY, R.N., "Compactibility of Steel Fibre Reinforced Concrete", Concrete, Vol.8, May 1974, pp. 34-35.
105. MANUEL, R.F., SLIGHT, B.W. and SUTHER, G.T., "Deep Beam Behaviour Affected by Length and Shear Span Variations", The Journal of the American Concrete Institute, Vol.68, No.12, December 1971, pp. 954-958.
106. MATTOCK, A.H., KRIZ, L.B. and HOGNESTAD, E., "Rectangular Concrete Stress Distribution in Ultimate Strength Design", Journal of the American Concrete Institute, Vol. 57, No.2, February, 1961, pp. 875-928.
107. MAU, S.T. and HUS THOMAS T.C., "Shear Strength Prediction for Deep Beams with Way Reinforcement, Journal of American Concrete Institute, Nov.-Dec. 1987.
108. MOHAMED ZAINAI, B. and MORLEY, CT, "Shear Strength of Reinforced Concrete Wall-beam Structures : An Improved Plasticity Solution", International Conference on Solids and Structures, Singapur, Sept. 1991.
109. MOHAMED ZAINAI, B. and MORLEY, CT, "Experimental Evidence of Rigid Body Motion in Shear Failure of R.C. Beams", International Conference on Solids and Structures, Singapur, Sept. 1991.

110. NAAMAN, ANTOINE, E., "Fibre Reinforcement for Concrete", Concrete International Design and Construction, Vol.7, No.3, 1975, pp. 21-25.
111. NAAMAN, A.E., and SHAH, S.P., "Bond Studies on Oriented and Aligned Steel Fibres", Fibre Reinforced Cement and Concrete (RILEM Symposium, 1975), The Construction Press Limited, Lancaster, 1975, pp.171-178.
112. NAAMAN, A.E., and SHAH, S.P., "Pull-out Mechanism in Steel Fiber-Reinforced Concrete", Journal of the Structural Engineering Division, ASCE. Vol.102, Aug.1976, pp. 1537-1548.
113. NAAMAN, A.E., et. al., "Probabilistic Analysis of Fiber Reinforced Concrete", Journal of the Engineering Mechanics Division, ASCE. Vol.100, April 1974, pp.397-413.
114. NARAYANAN, R., and GREEN, K.R., "Fibre Reinforced Concrete Beams in Combined Bending and Torsion", The Indian Concrete Journal, Vol.55, Aug.1981, pp.222-228 and 232.
115. NARAYANAN, R., and DARWISH, IYS, "Use of Steel Fibres as a Reinforcement", Journal of American Concrete Institute, May-July 1987. pp216-225.
116. NAWY, N.G., "Crack Control in Reinforced Concrete Structures", ACI Journal Vol.65, Oct. 1968, pp.825-836.
117. O'LEARY, D.C., DAVE N.J. and SAUNDERS, J., "Steel Fibres in Partially Prestressed Composite Beams", Fibre Reinforced Concrete, ACI, Publication SP-44, 1974, Detroit, pp. 477-495.

118. PALANIRAJ, S., and SOMAYAJULU, A.V.R., "Theories of Cracking in Reinforced Concrete Under Simple Bending and Direct Tension", The Indian Concrete Journal, Vol.40, Sept.1966, pp. 351-359 and 371.
119. PANDYA I.I., "New Trends in Construction Technology", Indian Science Congress, Goa, 80th Session, Jan 1993.
120. PANDYA I.I., "Strength and Behaviour of Fibre Reinforced Concrete Deep Beams", M.E. Dissertation, M.S. University of Baroda, Baroda, Dec. 1985.
121. PANDYA I.I., and DAMLE S.K., "Ultimate Strength of Fibre Reinforced Concrete Deep Beams", International Symposium on Fibre Reinforced Concrete at Madras, Organised by SERC, Dec. 1987, pp.2-32-38.
122. PANDYA I.I., and DAMLE S.K., "Strength and Behaviour of Reinforced Concrete Deep Beams", International Conference on Mechanics of Solids and Structures Organised by Nanyang Technological Institute, Singapore, Sept. 1991, pp. 637-642.
123. PANDYA I.I., SHAH R. H. and GOYAL M.C., "Structural Response of Fibrous Concrete Beams", Australasian Structural Engineering Conference, Sydney, Sept. 1994.
124. PARAMESWARAN, V.S., and RAJAGOPALAN, K., "Strength of Concrete Beams with Aligned or Random Steel-Fibre Micro-Reinforcement", Fibre Reinforced Cement and Concrete (RILEM Symposium, 1975), The Construction Press Limited, Lancaster, 1975, pp.95-103.
125. PARULEKAR, A.S., PANDYA I.I. and DAMLE S.K., "Fibre Reinforced Concrete Channels as a surface Reinforcement for Flexural Concrete Members", Fourth

- RILEM International Symposium on Fibre Reinforced Cement and Concrete at Structural Integrity Research Institute, University of Sheffield, U.K., June 1992.
126. PATEL, J.V., "Strength and Behaviour in Shear of Fibre Reinforce Concrete Beams without Web Reinforcement", M.E. Dissertation, M.S. University of Baroda, Oct. 1983.
 127. PATEL, S.N., "Behaviour of Reinforced Concrete Deep Beam in Flexure and Shear", Ph.D. Thesis, M.S. University of Baroda, Baroda, Dec. 1976.
 128. PATEL, S.N., and DAMLE, S. K., "Strength and Behaviour of Deep Beams", Journal of Indian Association of Bridge and Structural Engineering, August, 1988, p.1-11.
 129. POMEROY, C.D., and BROWN, J.H., "Tailoring Fibre-concretes to Special Requirements", Fibre Reinforced Cement and Concrete (RILEM Symposium, 1975), The Construction Press Limited, Lancaster, 1975, pp. 435-444.
 130. PORTLAND CEMENT ASSOCIATION, "Design of Deep Girders", Concrete Information No. ST66, 1946, 10 pp.
 131. RAHIMI, M.M., and KESLER, C.E., "Partially Steel Fibre Reinforced Mortar", Journal of the Structural Division, ASCE, Vol.105, No. ST1, Jan.1979, pp.101-109.
 132. RAJAGOPALAN, K., and PARAMESWARAN, V.S., Discussion on "New Reinforcing Materials in Concrete", ACI Journal. Vol.71, Nov. 1974, pp. 582-584.
 133. RAJAGOPALAN, K., and PARAMESWARAN, V.S., "Cracking and Ultimate Strength Characteristics of Ferrocement in Direct Tension and Pure Bending", The Indian Concrete Journal, Vol.48, Dec.1974, pp. 387-395.

134. RAJAGOPALAN, K., et al., "Strength of Steel Fibre Reinforced Concrete Beams", The Indian Concrete Journal, Vol.48, Jan.1974, pp.17-25.
135. RAMKRISHNAN, V. and ANANTHANARAYANA, Y., "Ultimate Strength of Deep Beams in Shear", The Journal of the American Concrete Institute, Vol. 65, No.2, February, 1966, pp. 87-98.
136. RAVILLE, M.E. and McCORMICK, F.J., "Stresses in Deep Beams Subjected to Central and Third Point Loading", The American Society for Testing Materials, Vol.59, 1959, pp.1230-1236.
137. RAY, D.P., "An Investigation on Ultimate Strength of Reinforced Concrete Deep Beams of Rectangular and Tee-Sections", Ph.D. Thesis, Indian Institute of Technology, Kharagpur, 1962.
138. RANGAN, B.V., "Ultimate Strength of Reinforced Concrete Deep Beams", The Indian Concrete Journal, Vol.43, No.2, February, 1969, pp. 50-54.
139. ROBINS, P. J., "Reinforced Concrete Deep Beams Studied Experimentally and by the Finite Element Method", Ph.D. Thesis, University of Nottingham, 1971.
140. ROBERTS, T.M. and HO., N.L., "Shear Failure of Deep Fibre Reinforced Concrete Beams", International Journal of Cement Composites and Light Weight Concrete, Vol.4, No.3, 1982, pp. 145-152.
141. ROMUALDI, J.P. and BATSON, G.B., "Mechanics of Crack Arrest in Concrete", Journal of the Engineering Mechanics Division, ASCE. Vol.89, June 1963, pp. 147-168.
142. ROMUALDI, J.P. and BATSON, G.B., "Behaviour of R.C. Beams with Closely Spaced Reinforcement", ACI Journal. Vol.60, June 1963, pp. 775-790.

143. ROMUALDI, J.P. and MANDEL, J.A., "Tensile Strength of Concrete Affected by Uniformly Distributed and Closely Spaced Short Lengths of Wire Reinforcement", ACI Journal. Vol.61, June 1964, pp. 657-670.
144. RUETER, D.A., "Influence of Reinforcement Percentage on Deep Beam Behaviour", M.Engg. Thesis, Carleton University, Ottawa, October, 1972.
145. SAAD, S. and HENDRY, A.W., "Stresses in a Deep Beam with a Central Concentrated Load", Experimental Mechanics, Vol.1, No.6, June, 1961, pp. 192-198.
146. SAAD, S. and HENDRY, A.W., "Gravitational Stresses in Deep Beams", The Structural Engineer, Vol.39, June, 1961, pp. 185-194.
147. SABAPATHI, P., "Flexural Behaviour of Reinforced Concrete Beam with Steel Fibres", Ph.D. Thesis Indian Institute of Technology, Madras, Oct, 1983.
148. SABAPATHI, P., and ACHYUTHA, H., Discussion on "Deformation and Ultimate Strength in Flexure of Reinforced Concrete Beams Made with Steel Fiber Concrete", ACI Journal. Vol.79, July-Aug.1982, pp. 326-327.
149. SAMARAI, M.A., and ELVERY, R.H., The Influence of Fibres Upon Crack Development in Reinforced Concrete Subject to Uniaxial Tension", Magazine of Concrete Research, Vol.26, Dec.1974, pp.203-211.
150. SCHLAICH, J. and SCHAFER, K., "The Design of Structural Concrete, IABSE Workshop, New Delhi, 1993.
151. SHANMUGAM, N.E. and SWADDIWUDHIOPONG, S., "The Ultimate Load Behaviour of Fibre Reinforced Concrete Deep Beams", Indian Concrete Journal, Aug. 1984. Vol -58 pp 207-211.

152. SHANMUGAM, N.E. and SWADDIWUDHIOPONG, S., "Experimental Study of Fibre Reinforced Concrete Deep Beams Containing of Openings", Indian Concrete Journal, Vol. 68, July 1994, pp. 367-372.
153. SHAH, S.P., and RANGAN, B.V., "Fibre Reinforced Concrete Properties", ACI Journal. Vol.68, Feb.1971, pp.126-135.
154. SHAH, S.P., et. al., "Complete Stress-Strain Curves for Steel Fibre Reinforced Concrete in Uniaxial Tension and Compression", Testing and Test Methods of Fibre Cement Composites (RILEM Symposium, Sheffield, 1978), The Construction Press Limited, Lancaster, 1978, pp. 399-408.
155. SHAH, S.P., and SKARENDAHL, AKE, Editors, Steel Fibre Concrete, Elsevier Applied Science Publishers, London, 1986, pp. 7-24.
156. SLIGHT B.W., "Comparison of Length and Shear Span Parameters in Deep Beams", M. Engg. Thesis, Carleton University, 1970.
157. SMITH, K.N. and VANTSIOTIS, A.S., "Shear Strength of Deep Beams", Journal of American Concrete Institute, May-June 1982, pp. 201-213.
158. SMITH, K.N. and VANTSIOTIS, A.S., "Deep Beam Test Results Compared with Present Building Code Models", Journal of American Concrete Institute, July-Aug.1982, pp. 280-287.
159. SNYDER, M.J., and LANKARD, D.R., "Factors Affecting the Flexural Strength of Steel Fibrous Concrete", ACI Journal. Vol.69, Feb.1972, pp.96-100.
160. SOFTWARE-MSU TCXO, "Design Optimization of Temperature Compensation Crystal Oscillator", Department of Applied Mathematics, M.S. University of Baroda, 1994.

161. SRIDHARA, S., et al., "Fibre Reinforced Concrete", The Indian Concrete Journal, Vol.45, Oct.1971, pp.428-430 and 442.
162. SRINVASA RAO, P., and SUBRAMANYAM, B.V., "Simple Equation for Crack Width Limitation in Reinforced Concrete Flexural Members", The Indian Concrete Journal, Vol.47, June 1973, pp.233-236.
163. SWAMY, R.N., "Fibre-Reinforced Concrete: Mechanics, Properties and Applications", The Indian Concrete Journal, Vol.48, Jan.1974, pp.7-16.
164. SWAMY, R.N., "Evaluation of Fibre Reinforced Cement Based Composites", Materials and Structures, Vol.8, May-June 1975, pp.235-254.
165. SWAMY, R.N., Workshop on Fibre Reinforce Concrete- Second International Colloquium on Concrete in Developing Countries, Bombay, January 1988.
166. SWAMY, R.N., and AL-NOORI, K.A., "Flexural Behaviour of Fibre Concrete with Conventional Steel Reinforcement", Fibre Reinforced Cement and Concrete (RILEM Symposium, 1975), The Construction Press Limited, Lancaster, 1975, pp. 187-196.
167. SWAMY, R.N., and AL-TAAN, S.A., "Deformation and Ultimate Strength in Flexure of Reinforced Concrete Beams Made with Steel Fiber Concrete", ACI Journal. Vol.78, Sept-Oct.1981, pp.395-405.
168. SWAMY, R.N., AL-TAAN, S.A. and ALI SAMY, A.R., "Steel Fibre for Controlling Cracking and Deflection", Concrete International, Vol.1, No.8, 1979, pp. 41-49.
169. SWAMY, R.N., and KENT, B., "Some Practical Structural Applications of Steel Fiber Reinforced Concrete", Fiber Reinforced Concrete (ACI Symposium, 1974), SP-44, American Concrete Institute, Detroit, 1974, pp. 319-336.

170. SWAMY, R.N., and MANGAT, P.S., "The Interfacial Bond Stress in Steel Fibre Cement Composites", Cement and Concrete Research, Vol.6, Sept.1976, pp.641-650.
171. SWAMY, R.N., and MANGAT, P.S., "A Theory for the Flexural Strength of Steel Fibre Reinforced Concrete, Cement and Concrete Research, Vol.4, 1974, pp. 313-325.
172. SWAMY, R.N., and STAVRIDES, H., "Flexural Behaviour of Fibre Concrete with Conventional Steel Reinforcement, RILEM Symposium, 1975, pp. 187-196.
173. SWAMY, R.N., and STAVRIDES, H., "Some Properties of High Workability Steel Fibre Concrete", Fibre Reinforced Cement and Concrete (RILEM Symposium, 1975), The Construction Press Limited, Lancaster, 1875, pp. 197-208.
174. SWAMY, R.N., and STAVRIDES, H., "Influence of Fibre Reinforcement on Restrained Shrinkage and Cracking", ACI Journal., Vol.76, March 1979, pp.443-460.
175. SWAMY, R. N., et al., "The Mechanics of Fiber Reinforcement of Cement Matrices", Fiber Reinforced Concrete (ACI Symposium, 1974), SP-44, American Concrete Institute, Detroit, 1974, pp.1-28.
176. UHLMANN, H.L.B., "The Theory of Gurder Walls with Special Reference to Reinforced Concrete Design", The Structural Engineer, Vol.30, No.8, August, 1952, pp.178-181.
177. UNTRAUER, R.E., "Strength and Behaviour in Flexure of Deep Reinforced Concrete Beams under Static and Dynamic Loading", Ph.D. Thesis, University of Illinois, 1961.

178. UNTRAUER, R.E., and WORKS, R.E., Discussion on "Tensile Strength of Concrete Affected by Uniformly Distributed and Closely Spaced Short Lengths of Wire Reinforcement", ACI Journal. Vol.61, Dec. 1964, pp.1651-1656.
179. V. RAMKRISHNAN, "Materials and Properties of Fibre Reinforced Concrete International Symposium on Fibre Reinforced Concrete, Madras 1987, pp. 2.3 to 2.23.
180. VARGHESE, P. C. and KRISHNAMOORTHY, C.S., "Strength and Behaviour of Deep Reinforced Concrete Beams", The Indian Concrete Journal, Vol.40, No.3, March, 1966, pp.104-108.
181. VIEST, I.M., Discussion of "Shear Strength of Lightweight Reinforced Concrete Beams" by J.A. Hanson, Journal of the American Concrete Institute, Vol.55, March, 1959, pp. 1062-1064.
182. W. RADOMSKI, "Testing of Partially Steel Fibre Reinforced Mortar", International Symposium on Fibre Reinforced Concrete, May 1987, 2-163-177.
183. WALKUS, B.R., et al., "Concrete Composites with Cut Steel Fiber Reinforcement Subjected to Uniaxial Tension", ACI Journal. Vol.76, Oct.1979, pp.1079-1092.
184. WALRAVEN JOOST and LEHWALTER NORBERT, "Size Effects in Short Beams Loaded in Shear", Journal of American Concrete Insitute, Vol. 91, No.5, Oct 1994, pp.585-593.
185. WILLIAMSON, G.R., "The Effect of Steel Fibers on the Compressive Strength of Concrete", Fiber Reinforced Concrete (ACI Symposium, 1974), SP-44, American Concrete Institute, Detroit, 1974, pp.195-207.

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