

## REFERENCES

American Concrete Institute, 2008. Building Code Requirement for Structural Concrete (ACI 318-08) and Commentary, An ACI Standard, Reported by ACI committee 318: ACI.

American Society of Civil Engineers, 2006. ASCE/SEI 7-0 Minimum Design Loads for Buildings and other structures:ASCE.

Bureau of Indian Standards, 1986. *IS 876: Part II –Loading Standards*: BIS.

Bureau of Indian Standards, 2000. Plain and Reinforced Concrete- Code of Practice (Fourth Revision): BIS.

British Standards Institution, 1996. BS 6399: Part 1 Loading for buildings Part 1, Code of practice for dead and imposed loading: BSI.

British Standards Institution, 1997. *BS 8110: Part 1 Structural use of concrete*: BSI.

British Standards Institution, 2000. BS5950: Part 1 Structural use of Steelwork in buildings- Part1: code of practice for design-Rolled and welded sections: BSI.

British Standards Institution, 1991. Eurocode 1: EN 1991-1-1:2002: Actions on structures – Part 1-1: General actions- Densities, Self-weight, imposed loads for buildings: BSI.

British Standards Institution, 1992. Eurocode 2: DD ENV 1992-1-1:1992: Design of Concrete Structures-Part 1: General rules and rules for buildings- (together with United Kingdom National Application Document: BSI.

DIN DEUTSCHES INSTITUT FUR NORMUNG E.V., 1978. *DIN 1045 Concrete and Reinforced Concrete, Design and Construction*. Translated by Henry G Freeman, 1978: German Standards (DIN-Normen).

Dias, W.P.S., 1998. *Graded Examples in Reinforced Concrete Design*. Bangkok: ACECOMS, Asian Institute of Technology.

Garrett, Jr., J. H., 1990. Application of Knowledge-Based Expert System Techniques to Standards Representation and Usage, *Building and Environment Journal*, 25(3), pp. 241-251.

Garrett, Jr.,H., 1990. Knowledge-Based Expert System: Past, Present, and Future. *IABSE Periodica 3/1990*,International Association of Bridge and Structural Engineers, June, pp. 21-40.

Garrett, Jr., J. H. and Hakim M.M.,1992. Object-Oriented Model of Engineering Design Standards. *Journal of Computing in Civil Engineering*, July, 6(3), pp. 323-347.

Harris, J. R and Fenves S.J.,1980. *Modeling of Standards: Technical Aids for their Formulation, Expression and Use*, Technical Report NBSIR 80-1979, National Bureau of Standards, Washington, DC.

IntelliCorp, Inc., 1990. *KAPPA User's Guide*.US: IntelliCorp, Inc.

IntelliCorp, Inc., 1990. *KAPPA Reference Manual*.US: IntelliCorp, Inc.

Kumar B. and Topping B.,1989. A Prolog- Based Representation of Standards for Structural Design, in. *Artificial Intelligence Tools and Techniques for Civil and Structural Engineers*: Civil-Comp Press, Edinburgh, UK, pp 165-169.

Kodagoda.N., 1997. *Object Oriented expert system to Represent a Design Code*. [Report] ( Report submitted to Civil Engineering Department, University of Moratuwa, April 1997).

Menzies J.B., Gulvanessian H., 1998, *Eurocode for Structural Loading*, <http://products.ihc.com/BRE-SEQ/ip1398.htm> (Last accessed 20 Dec. 2009): BRE Press

Moss R. and Webster R., (2004). EC2 and BS8110 Compared. *The Structural Engineer* 82(6), 16 March, pp. 33-38.

Neilson, A.I., 1989. *A Hybrid Approach to the Representation and Processing of Design Standards*. Glasgow: Ph.D Thesis, Department of Civil Engineering, University of Strathclyde, UK.

Narayanan, R.S., 1994. *Concrete Structures: Eurocode EC2 and BS 8110 Compared*. Avon: Longman Group UK Limited, UK.

Rosenman, M. A. and Gero, J. S. (1985). Design Codes as Expert Systems: *Computer-Aided Design*, 17(9), November, pp. 399-409.

Standards Association of Australia, 1988. *AS 3600 Concrete Structures*: SAA.

Standards Association of Australia, 1989. *AS 1170.1 Minimum design loads on structures, Part 1: Dead and Live Loads and Load combinations*: SAA.

Stahl, F.I., Wright, R.N. Fenves, S.J.&Harris, J.R. 1983. Expressing Standards For Computer-Aided Building Design. *Computer Aided Design*, 15(6).

Zhang, X.J. and Yao J.L.,1989. Tools for Expert System Development in Damage Assessment. In: *Computing in Civil Engineering: Computers in Engineering Practice, Sixth Conference sponsored by the Technical Council on Computer Practices of the American Society of Civil Engineers*, Atlanta, GA, September 11-13, 1989, American Society of Civil Engineers: US.