

REFERENCES



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- Abdalla, J.A. (1991) "*An Object-Oriented Architecture and concept for an integrated Structural Engineering System*" in Artificial Intelligence and Structural Engineering (ed. B.h.v. Topping), Civil Comp press, Edinburgh, pp. 147-155
- Barette D., Grobler F., "*Understanding the different purposes of IFCs and aecXML in achieving Interoperability*", <http://www.iai-na.org/technical/faqs.php> (Last accessed 3-Mar-2003)
- Biedermann J.D., Grierson D.E., (1992), "*Computer Based Design of Civil Engineering Structures using Object Oriented Programming*", Artificial Intelligence in Engineering
- Bjork B.C. (1989), "*Basic Structure of a proposed Building Product Model*", Computer Aided Design Vol 21, No2 March 1989 pp. 71-78
- Bjork B.C. (1992), "*A Conceptual Model of Spaces, Space Boundaries and enclosing structures*", Automation in Construction, 1992. Vol 1, No 3, pp. 193-214
- Bjork B.C. (1995), "*Requirements and information structures for building product data models*", VTT Publications 245, Technical Research Centre of Finland, ESPOO 1995, pp. 10-75
- Bjork B.C. (1998), "*Conceptual Modeling*", Royal Institute of Technology, Power Point Presentation, <http://www.kth.se/eng> (Last accessed 20-Dec-2002)
- Bjork B.C. and Penttila H. (1989), "*A scenario for the development and implementation of a building product model standard*", Advances in Engineering Software 1989. Vol 11, No. 4 pp. 176-187.
- Bjork B.C. and Penttila H. (1991), "*Building Product Modelling Using Relational Databases, Hypermedia Software and CAD systems*", Microcomputers in Civil Engineering. Vol. 6, No. 4, pp. 267-279
- Debney P.M. (1999), "*CAD – today is only just the beginning*", The Structural Engineer, Volume 77/No 3, 2 February 1999, pp. 16-20.
- Dias W.P.S. (1993) "*Product modelling of buildings*", Annual Transactions of the Institution of Engineers, Sri Lanka, pp. 134-151.
- Dias W.P.S. (1996) "*Multi-disciplinary Product Modelling of Buildings*", ASCE Journal of Computing in Civil Engineering,
- Eastman, C.M. (1992) "*A data model analysis of modularity and extensibility in building databases.*", Building and Environment, 27(2), 135-148.
- Fenves S.J., Rivard H., Gomez N., Chiou S.C. (1995), "*Conceptual Structural Design in SEED*", Journal of Architectural Engineering, December 1995, pp. 179-186

Gieling W (1988). "*General AEC Reference Model (GARM)*", ISO TC 184/SC4/WG1 doc. 3.2.2.1, TNO building and construction research, BI-88-150. Delft.

Han C.S, Kunz J.C., Law K.H. (1998), "*Client/Server Framework for on-line Building code checking*", Journal of Computing in Civil Engineering, October 1998, pp. 181-193

Hanus M., Karstila K. (1995), "*Requirements on Standardised building Product Data Models*", "Products and Process Modelling in the Building Industry", Scherer (ed) © Balicon, Rotherdam, ISBN 9654105848

Howard H.C, Abdalla J.A. and Phan D.H.P. (1992), "*Primitive-Composite Approach for Structural Data Modelling*" in Journal of Computing in Civil Engineering, vol 6, no 1, January, 1992. pp. 19-39

International Alliance of Interoperability – UK (2000a), "*Industry Foundation Classes Release2 documentation*",
http://cig.bre.co.uk/iai_uk/documentation/IfcR2x_Final/index.htm
(Last accessed 20-dec-2002)

International Alliance of Interoperability – UK (2000b), "*Introduction to IAI and IFC*".
http://cig.bre.co.uk/iai_uk/iai/page5.htm
(Last accessed 12-jan-2003)

Karstila K. (1998), "*Product Modeling and Product Modeling Technology*". EuroSTEP, Royal Institute of Technology, Power Point Presentation.
www.lib.mrt.ac.lk

Katranuschkov P. (1995), "*COMBI : Integrated product model*", Product and Process Modelling in the Building Industry, Balkema, Rotterdam. pp. 511-517

Kim W. (1990), "*Object Oriented Databases definition and research directions*", IEEE transactions on Knowledge and Data Engineering vol 2, no 3, Sept 1990

Lemay L, Perkins C.L. and Morrison M. (1996), "*Teach Yourself Java in 21 days*", ISBN 1-57521-183-1, Macmillan Publishing, Ch 02

Protopsaltis B. (1995), "*Project COMBI : Integrated Structural Analysis*", Product and Process Modelling in the Building Industry, Balkema, Rotterdam.

Rosenman, M A. (1993), "*Dynamic decomposition strategies in the conceptual modeling of design objects (with special reference to buildings)*"

Saeed M. (1994), "*Shared understanding in synchronous collaborative design*", PhD Thesis, University of Sydney.

REFERENCES

Sheperd R.B. (1996), "*Mastering AutoCAD AEC*", ISBN 0-582-0927-7, Addison Wesley Longman Limited.

Sommerville I. (1996), "*Software Engineering*", ISBN 0-201-43579-9, Addison Wesley Publishing Company.

Tsou J.Y., Turner J.A., Borkin H.J. (1995), "*RDBM versus OODB in Support of Integrated Databases for Computer Aided Building Design*"

Turner J.A. (1992), "*Conceptual Modeling Applied to Computer-aided Architectural Design*", Building and Environment, Vol 27, No. 2, pp. 125-133

Venners B. (1998), "*Inheritance versus Composition* ", Java World Magazine, November 1998, www.javaone.com
(Last Accessed 24-jun-2001)

Wright A.J., Lockley S.R., Wiltshire T.J. (1992), "*Sharing Data Between Application Programs in Building Design : Product Models and Object Oriented Programming*", Building and Environment, Vol 27, No 2, pp. 163-171



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