

## References

- [1] R. A. Babillis and A. M. Smith. Application of bayesian statistics in reliability measurement. *Fourth Annual Reliability and Maintainability Conference*, pages 357–366, 1965.
- [2] BEASY. *BEASY User's manuals*. Computational Mechanics Publications, Ashurst, Southampton, UK, 2000.
- [3] B. C. Björk. Requirements and information structures for building product data models. *VTT Publications*, 245, 1995.
- [4] F. L. Bookstein. *Morphometric Tools for Landmark Data: Geometry and Biology*. Cambridge University Press, 1991.
- [5] The Swedish Building Center. *The Swedish construction industry classification system*. The Swedish Building Center, 1999.
- [6] Gautam Dasgupta. Reliability analysis with interval arithmetic. *Mathematics with Vision*, pages 111–118, 1995.
- [7] T. E. Daughters. Calculating confidence intervals for a quality figure of merit. *Electronic Supplement to IMS'95*, June 1995.
- [8] J.S. Duncan, X. Papademetris, P. Shi, R. T. Constable, and A. J. Sinusas. Quantification of left ventricular deformation from three-dimensional image sequences using physical and geometric models. *Proceedings of Biomedical Imaging Symposium: Visualizing The Future of Biology and Medicine*, June 1999.
- [9] C. M. Eastman and A. Siabiris. A generic building product model incorporating building type information. *Automation in construction*, 3(4):283–304, 1995.
- [10] Eisenhart, Hastay, and Wallace. *Techniques of Statistical Analysis*. McGraw-Hill, 1947.
- [11] James D. Foley, Andries Van Dam, Steven K. Feiner, and John F. Hughes. *Computer Graphics Principles and Practice*. Addison-Wesley, 2nd edition, 1996.
- [12] F. Germain, A. Doisy, X. Ronot, and P. Tracqui. Characterization of cell deformation and migration using a parametric estimation of image motion. *IEEE Transcripts on Biomedical Engineering*, 56:584–599, 1999.
- [13] G. Golub and C. Van Loan. *Matrix Computations*. Johns Hopkins Press, 1883.
- [14] Milton E. Harr. *Reliability Based Design in Engineering*. McGraw Hill, New York, 1987.
- [15] Elisabeth A. Malsch and Gautam Dasgupta. Shape functions for concave quadrilaterals. In Bathe, editor, *First Mit Conference*. Massachusetts Institute of Technology, Elsevier, June 2001.
- [16] M. L. Moss and L. Salentijn. The primary role of the functional matrix in facial growth. *Angle Orthod.*, 55:566–574, 1969.
- [17] B. N. Parlett. The symmetric eigenvalue problem. *Prentice-Hall*, 1981.
- [18] R. D. Rabbitt, A. E. Bowden, and J. A. Weiss. Combining biomedical image data and continuum mechanics to track nonlinear deformations in tissues. *Proceedings of Biomedical Imaging Symposium. Visualizing the Future of Biology and Medicine*, June 1999.

- [19] Jaques Treil, C. Madrid, M. Jaeger, J. Casteit, and P. Borianne. Biometrie tridimensionnelle maxillo-faciale. *Biom. Hum. et Anthropol.*, 15(1.2):65–73, 1997.
- [20] E. L. Wachspress. *A rational finite element basis*. Academic Press, 1975.
- [21] Stephen Wolfram. *The Mathematica Book*. Cambridge University Press, NY, 1997.
- [22] H. Zahouani, T. Charbi, D. Marsaut, B. Wacogne, and P. Humbert. Assessment of the mechanical properties of human skin surface by micro indentation technique. *13th International Congress on the International Society of Bioengineering and Skin*, 2000.