

Brief Resumé

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Original Books

1. Yakov Ben-Haim, 1985, *The Assay of Spatially Random Material*, Kluwer Academic Publishers, Dordrecht, Holland.
2. Yakov Ben-Haim and Isaac Elishakoff, 1990, *Convex Models of Uncertainty in Applied Mechanics*, Elsevier, Amsterdam.
3. Yakov Ben-Haim, 1996, *Robust Reliability in the Mechanical Sciences*, Springer-Verlag, Berlin.
4. Yakov Ben-Haim, 2001, *Information-gap Decision Theory: Decisions Under Severe Uncertainty*, Academic Press, San Diego. 2nd edition, 2006.

Awards

1. Phi Beta Kappa Academic Honor Society.
2. Alexander von Humboldt Fellowship.
3. Fellowship of the Japan Society for the Promotion of Science.

Recent articles

1. Yakov Ben-Haim, 2004, Uncertainty, probability and information-gaps, *Reliability Engineering and System Safety*, 85: 249–266.
2. Francois M. Hemez and Yakov Ben-Haim, 2004, Info-gap robustness for the correlation of tests and simulations of a nonlinear transient, *Mechanical Systems and Signal Processing*, vol. 18, #6, pp.1443–1467.
3. Izuru Takewaki and Yakov Ben-Haim, 2005, Info-gap robust design with load and model uncertainties, *Journal of Sound and Vibration*, 288: 551–570.
4. Yakov Ben-Haim, 2005, Info-gap Decision Theory For Engineering Design. Or: Why ‘Good’ is Preferable to ‘Best’, appearing as chapter 11 in *Engineering Design Reliability Handbook*, Edited by Efstratios Nikolaidis, Dan M.Ghiocel and Surendra Singhal, CRC Press, Boca Raton.
5. Helen M. Regan, Yakov Ben-Haim, Bill Langford, Will G. Wilson, Per Lundberg, Sandy J. Andelman, Mark A. Burgman, 2005, Robust decision making under severe uncertainty for conservation management, *Ecological Applications*, vol.15(4): 1471-1477.
6. Yohay Carmel and Yakov Ben-Haim, 2005, Info-gap robust-satisficing model of foraging behavior: Do foragers optimize or satisfice?, *American Naturalist*, 166: 633–641.
7. Yakov Ben-Haim, 2005, Value at risk with Info-gap uncertainty, *Journal of Risk Finance*, vol. 6, #5, pp.388–403.