

1. Record Nr.	UNINA9910821230703321
Autore	Handscombe Robert D
Titolo	The entropy vector : connecting science and business // Robert D. Handscombe, Eann A. Patterson
Pubbl/distr/stampa	Singapore ; ; River Edge, NJ, : World Scientific, 2004
ISBN	1-281-87699-2 9786611876999 981-256-543-4
Edizione	[1st ed.]
Descrizione fisica	1 online resource (198 p.)
Classificazione	85.08
Altri autori (Persone)	PattersonEann A
Disciplina	500
Soggetti	Entropy (Information theory) Science
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Contents; Preface; Acknowledgements; 1 Disorderly Signposts business success socially responsible capitalism leadership and change excitement of entropy signposts to chapters; 2 Planck's Inspiration: Nature, Philosophy and Business Ockham's razor Mother Nature an engineering excuse for inefficiency free energy? the way you like it and for nothing; Ockham, Planck and Mother Nature; Entropy, engines and cycles; The degradation of energy; Interim report; Notes and quotes 3 Life, the Universe and Entropy vectors, pool tables and Isaac Newton forces for change inflation and pollution physics and information Isobel's message Maxwell's demon Inflation, disorder and pollution; Entropy and physics; Probability and information; Isobel's message; Maxwell's demon; And so to conclude ...; Notes and quotes; 4 The Entropy Vector uniting entropy and vector sailing boats Boltzmann index lost in Bilbao and queuing in Detroit taking control by letting go; Going against the flow?; Boltzmann vs. Clausius; Lost in Bilbao, queuing in Detroit Taking control by letting go Summary; Notes and quotes; 5 Energy and Entropy scattering the seed organic companies exergy conservation energy management; Law and disorder; Scattering the seed; A matrix analysis; Organic companies; Indeterminateness and degradation; The

two products of the economic process; Green design; Notes and quotes; 6 Time and Entropy who created God? entropy as the arrow of time time management bored in transit information flows optimised production; Arrows of time; Time running backwards?; Bored in transit; Information and knowledge; The march of time
No more timeNotes and quotes; 7 Managing Disorder good management techniques teams and training flat-lining control freaks pantomimes and orchestras change and risk; People are not atoms; Potential = Collaboration + Training; Managing the entropy vector; Management types; Fit for the purpose; Education, efficiency and economies; Change and risk; Summary; Notes and quotes; 8 Creativity and Innovation what is creativity? what is innovation? harnessing them in business technology trajectories woolliness, bananas and knots entropy and technopy; Three approaches to creativity Innovative footstepsWoolly and creative thinkers; Creating creativity; Technopy; Coffee and a matrix; Notes and quotes; 9 Risk and Entropy ontRe-pRenur winning the risk game boundaries and vision sins of omission/commission elephants, rabbits, barbecues and the cost of grass; ontRe-pRenur; Winning at the risk game; Parable of the talents; Elephants and rabbits; Drawing boundaries and vision; Coping with failure; The risk vector?; Notes and quotes
10 Mental Entropy education and training memory and analysis efficiency, effectiveness and distinctiveness diversity of skill and attitude employee and team skills science and measurement

Sommario/riassunto

How do managers and entrepreneurs evaluate risk, encourage creativity or manage change? Might a better grasp of science help? The authors of this book suggest that there is real value in trying to connect science to business and that science is far too important just to be left to the scientists
