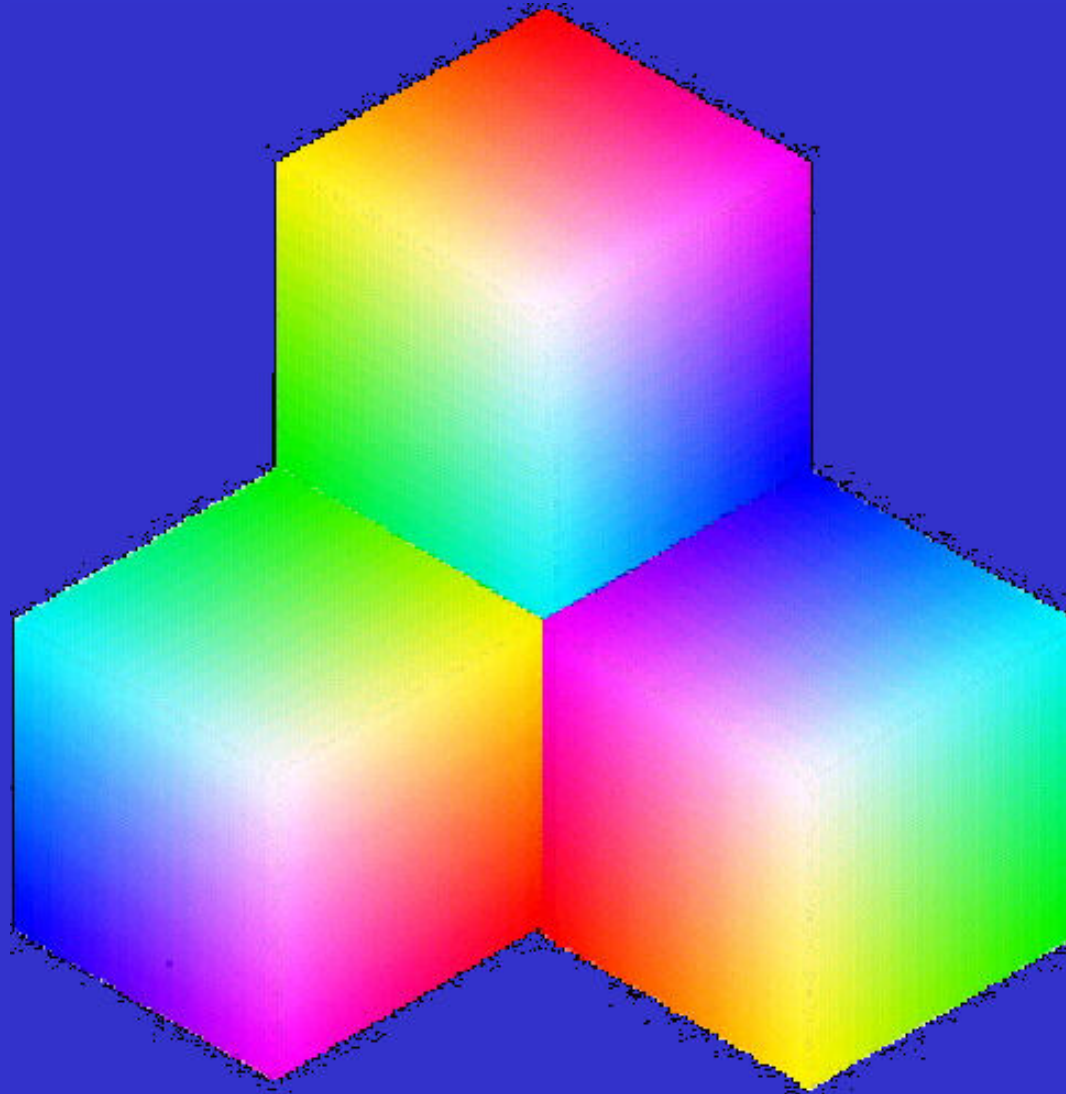


introduction to information ecology



introduction to information ecology

- information ecology
 - holistic discipline for a millennial global transformation to an information age of :
 - sustainability
 - equitable development
 - human rights
 - peace - with :
 - » self
 - » each other
 - » the earth
 - » the infinite



introduction to information ecology



- information ecology : holistic discipline for a millennial global transformation
 - holistic approach to arts & sciences of information & ecology
 - principles of one light in all / unity with all nature
 - light & colour cubes / millennium peace cubes
 - enabling properties of the whole
 - transcending boundaries ; bridging material & virtual realms
 - virtual lack of physical constraints

introduction to information ecology

- information ecology : holistic discipline for a millennial global transformation
 - based on holistic principles of one light in all
 - unity with nature
 - human, “natural”, physical, technical & informational
 - the tao & the pythagorean tradition
 - light & colour cubes / peace cubes
 - properties of light
 - gifts of nature
 - catalysts of peace
 - bridging real & virtual, natural & technical



introduction to information ecology



- information ecology : holistic discipline for a millennial global transformation
 - holistic approaches to a new millennium
 - holistic information science
 - holistic social relations
 - holistic political & material economy
 - holistic mathematics



introduction to information ecology



- information ecology : holistic discipline for a millennial global transformation
 - boundaries and bridges
 - material & virtual
 - natural & technical



introduction to information ecology



- information ecology : holistic information science
 - the nature of information
 - representative of aspects of reality
 - wealth, power & wisdom
 - fundamental properties of information
 - zero mass
 - zero physical size
 - travel at speed of light
 - generally appreciates organization & habitat
 - generally embodies order and/or patterns
 - information habitats - information ecosystems
 - designs for healthy information habitats



introduction to information ecology



- information ecology : holistic information science
 - the nature of information
 - representative of aspects of reality
 - wealth, power & wisdom



introduction to information ecology



- information ecology : holistic information science
 - fundamental properties of information
 - zero mass
 - zero physical size
 - travel at speed of light
 - tends to have patterns of relationship
 - tends to appreciate organization
 - thrives in healthy & nurturing habitats



introduction to information ecology



- information ecology : holistic information science
 - information habitat: critical concept in information eco-systems
 - information habitats
 - » personal
 - » family, friends
 - » organizational



introduction to information ecology



- information ecology : holistic information science
 - information systems as eco-systems
 - roles
 - resources
 - relationships



introduction to information ecology



- information ecology : holistic information science
 - design concepts
 - permaculture principles
 - common data formats - preferably digital
 - integration with civic processes
 - tao of information



introduction to information ecology



- information ecology : holistic information science
 - design concepts
 - permaculture principles
 - each function served by multiple elements
 - each element serves multiple functions



introduction to information ecology



- information ecology : holistic information science
 - design concepts
 - common data formats - preferably digital
 - relational database structure
 - data storage not a scarce resource
 - database-generated reporting
 - directory structure & file-naming conventions
 - wordperfect® - macros, styles, outlines & fonts



introduction to information ecology



- information ecology : holistic information science
- design concepts: common data formats
 - generalized form of the uniform resource locator (gurl)
 - tel:+1.212.687.6418
 - fax:+1.718.302.4151
 - post://usa/ny/new york/10017/east 47th street/211/905
 - date:2000.04.27 - digital calendar (julian error)
 - 0.04.07 - jubilee gregorian digital calendar (rel -1)



introduction to information ecology



- information ecology : holistic information science
 - design concepts: common data formats
 - generalized uniform resource locator (gurl)
 - common delimiters
 - » . dot
 - » / slash
 - common directions



introduction to information ecology



- information ecology : holistic information science
 - design concepts - data storage not a scarce resource
 - a direct consequence of:
 - information has zero mass
 - evolving forms of digital data storage



introduction to information ecology



- information ecology : holistic information science
 - design concepts
 - relational database structure
 - » one to one
 - » one to many
 - » many to one
 - » many to many



introduction to information ecology



- information ecology : holistic information science
 - design concepts
 - database-generated reporting
 - » data warehouse model
 - » flexibility of output format



introduction to information ecology



- information ecology : holistic information science
 - design concepts
 - directory structure & file-naming conventions



introduction to information ecology



- information ecology : holistic information science
 - design concepts
 - wordperfect® - macros, styles, outlines & fonts
 - mailbase micro library system



introduction to information ecology



- information ecology : holistic information science
 - principal software tools
 - database
 - dataperfect® relational database structure
 - word processing
 - wordperfect®
 - » 2.24 > 5.1 > windows
 - » macros, styles, outlines & fonts
 - laserjet® deskjet®
 - file management / directory structure
 - norton commander®



introduction to information ecology



- information ecology : holistic information science
 - design concepts
 - common data formats - preferably digital
 - database-generated reporting
 - dataperfect® relational database structure
 - wordperfect® - macros, styles, outlines & fonts
 - laserjet® deskjet® postscript®
 - directory structure & file-naming conventions



introduction to information ecology



- information ecology : holistic information science
 - information overload strategies
 - queuing
 - forms
 - naming
 - coding
 - sorting



introduction to information ecology



- information ecology : holistic information science
 - basic information operations
 - copying
 - formatting
 - organizing
 - naming
 - disseminating
 - sorting



introduction to information ecology



- information ecology : holistic information science
 - relational database - geographic relational database
 - critical component of information habitat
 - dataperfect[®] relational database design
 - ability to integrate information



introduction to information ecology



- information ecology : holistic social relations
 - information ecology of groups and group processes
 - common body of knowledge and information
 - maintenance of, access to, accurate records
 - ability to share information freely
 - access to documentation of decisions & agreements

introduction to information ecology

- information ecology : holistic social relations
 - information mentalities -
 - controlling, or allowing, access & participation
 - preference for
 - » order
 - » organization
 - » predictable

 - » random
 - » spontaneous or
 - » chaos

- information ecology
 - holistic political & material economy
 - fundamental parameters of information economy
 - transformation to an increasingly digital economy
 - emerging properties of information technologies
 - natural synergy with partnership and cooperation



introduction to information ecology



- information ecology : holistic political economy
 - fundamental parameters of information economy
 - information has zero mass, zero size
 - information can travel at the speed of light
 - characteristics of information technology
 - integrity of records
 - correcting our mistakes



introduction to information ecology



- information ecology : holistic political economy
 - fundamental parameters of information economy
 - information has zero mass
 - virtually zero material cost of transaction
 - virtually zero cost of reproduction
 - virtually zero cost of communication



introduction to information ecology



- information ecology : holistic economics
 - fundamental parameters of information economy
 - it embodies characteristics of a “perfect market”
 - access to perfect knowledge
 - ability to maintain comprehensive accountability
 - integrity of records
 - records of material economics
 - virtually instant and complete accuracy in calculations
 - information has zero mass
 - virtually zero marginal cost
 - economy of partnership and cooperation
 - ability to progressively reflect properties of whole systems
 - continuing technical advances / breakthroughs



introduction to information ecology



- information ecology : holistic economics
 - fundamental parameters of information economy
 - virtually zero marginal cost
 - economy of partnership and cooperation
 - ability to progressively reflect properties of whole systems
 - virtual certainty of major technical advances or breakthroughs - conceivably for decades



introduction to information ecology



- information ecology : holistic economics
 - transformation to an increasingly digital economy



introduction to information ecology



- information ecology : holistic economics
 - information technology - engine of economy



introduction to information ecology



- information ecology : holistic economics
 - transformation to an increasingly digital economy
 - moving bytes, not atoms
 - the emerging digital marketplace
 - convergence of information & communication technologies
 - dynamics of technological innovations
 - evolving common transactional framework



introduction to information ecology



- information ecology : holistic mathematics
 - relational database design & development
 - pythagorean tradition - mathematics & healing
 - sacred geometry
 - information dynamics and fluid dynamics
 - properties of the cube
 - mathematical representations of behaviour
 - mathematics of colour



introduction to information ecology



- information ecology : holistic discipline for a millennial global transformation
 - foundation for a sustainable information age
 - information technologies and new media
 - interactive, participatory processes