

1. Record Nr.	UNINA9910557227603321
Autore	Maria Vergani Laura
Titolo	Functional Materials for Bio-Applications
Pubbl/distr/stampa	Frontiers Media SA, 2020
Descrizione fisica	1 online resource (170 p.)
Soggetti	Civil engineering, surveying & building Mechanical engineering & materials
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	This eBook is a collection of articles from a Frontiers Research Topic. Frontiers Research Topics are very popular trademarks of the Frontiers Journals Series: they are collections of at least ten articles, all centered on a particular subject. With their unique mix of varied contributions from Original Research to Review Articles, Frontiers Research Topics unify the most influential researchers, the latest key findings and historical advances in a hot research area! Find out more on how to host your own Frontiers Research Topic or contribute to one as an author by contacting the Frontiers Editorial Office: <a href="https://frontiersin.org/about/contact">frontiersin.org/about/contact</a>

2. Record Nr.	UNINA9910337849303321
Autore	Waguespack Leslie J
Titolo	Designing Thriving Systems : Marrying Technical Rationality and Appreciative Systems / / by Leslie J. Waguespack
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2019
ISBN	3-030-03925-0
Edizione	[1st ed. 2019.]
Descrizione fisica	1 online resource (248 pages)
Disciplina	004
Soggetti	Computer programming User interfaces (Computer systems) Design Computers Cognitive psychology Psychology, Applied Programming Techniques User Interfaces and Human Computer Interaction Design, general Models and Principles Cognitive Psychology Applied Psychology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Introduction -- The Brain of Two Hemispheres -- A Marriage of Technical Rationality And Appreciative Systems -- Reflection-Driven Design -- Generative Metaphor: Names, Frames and Concept Displacement -- Ontological Depictions of Design Space -- Thriving Systems Choice Properties Extruded through Mediums of Construction -- Security Design Quality Named and Framed though TST Choice Property Clusters -- Educating Thriving Systems Designers. .
Sommario/riassunto	This monograph illuminates a design mindset for systems, artefacts, that not only survive, but thrive. Of itself an artefact is devoid of design quality – until encountered in a specific social context by human

attendants. Design quality is the affect of an intertwining of (a) an artefact's structural and behavior properties, (b) an attendant humanly conception of quality, an appreciative system, and (c) the enfolding social context of their encounter. To pursue quality in design is to interweave these three strands bound as a durable cord that evokes a visceral satisfaction – or “the delight of a ringing musical chord.” The human consciousness of design quality is fundamentally metaphoric and dynamic – a perception of reality mediated by a personal value disposition. In the continuum of experience, living moment after moment, both the attendant's metaphorical appreciation and their sense of quality evolve. And thus, design quality issues from perpetual, concentric cycles of design-construct-experience-learn-assess-calibrate over the life span of relationship with an artefact. Design-as-a-verb's purpose is to service the life in that relationship, sustain its survival, and hopefully, raise that life to a state of thriving. Design quality manifests throughout the cycles of design-as-a-verb, rather than as a product of it. Such is the mindset in which the designer must indwell and that design education must nurture. While all artefacts are systems, the domain of artefact design of which I am most experienced is computing systems. Therefore, I will rest upon that domain to explore a theory and practice of design-as-a-verb – designing thriving systems.

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