



Make Alive: Prototypes for Responsive Architectures (Paperback)

By -

Oscar Riera Ojeda Publishers Limited, Hong Kong, 2015. Paperback. Condition: New. Language: English . Brand New Book. Softcover in slipcase: The migration of computing from dedicated appliances to physical environments, thanks to increasingly proliferating microchips and ever-expanding information networks directly implicates and empowers architecture as a transformative agent and medium. The fact that objects can now sense, think, act, and communicate with the help of embedded technology is opening up the potential for an architecture that is more closely aligned with the networked dynamics of living systems a sentient architecture. The technological enhancement of physical matter charts a movement away from a mechanical paradigm towards a biological model. The shift manifests itself on several levels, from the micro scale in the form of new composite or smart materials capable of registering and responding to external stimuli, to larger network formations between people, objects, spaces, and landscapes. Radical artifice here serves to imitate nature, enmeshing built environments in a complex web of interactions whose emergent properties approximate the resiliency of natural ecologies. It is precisely this fine attunement to life that has made these emerging technologies pertinent in dealing with a wide range of issues from the therapeutic benefits to the...



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