Complexity and causation Sustainable architecture through the lens of deconstructivism



Alberti/Hegel Describe architecture…

"[...] as that [discipline] whose specificity consists **precisely** in the burden it carries of bridging necessity and pleasure [...]" [architectural] binaries (non-hierarchical) ... crucial oppositions

	Subjective	Objective	
	Pleasure	Necessity	Cicero
	Venustas	Utilitas/Firmitas	Vitruvius
	Beauty	Utility	
Kunst [Art] Kern [Core]	Kunstform	Kernform	Carl Booticher
	What is desired	What is required	

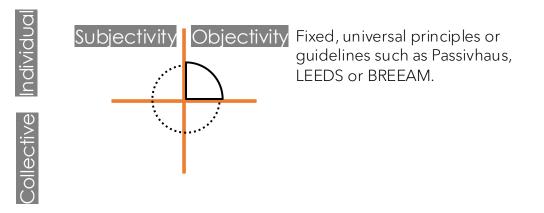




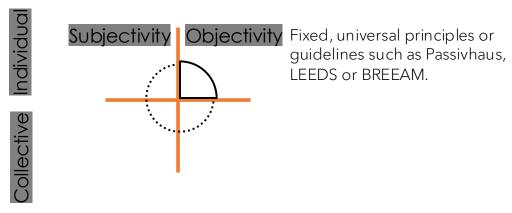
Simpson-Lee House in Blue Mountains. Site plan indicating the historic route used by Aboriginal people. [Adapted from the original drawing from the project courtesy of El Croquis]



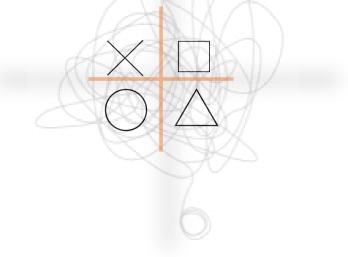
Structuralism ... Post-structuralism ...



Structuralism ... Post-structuralism ... Deconstructivism

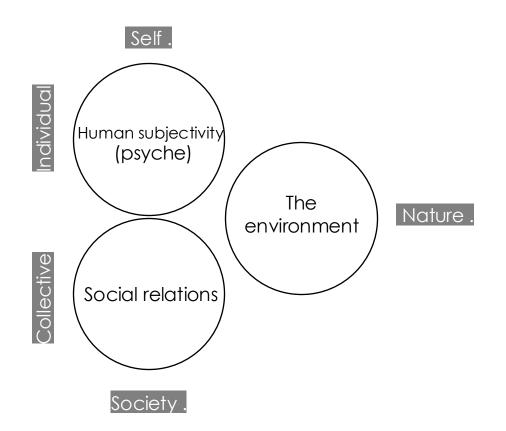


Discursive, blurry, traces of other meanings



Ecosophy Felix Guattari's 3 ecologies:

For Guattari, the idea of ecosophy is a dynamic movement that creates a [...] "collective and individual subjectivity that completely exceeds the limits of individualisation, stagnation, identificatory closure."



lnteriority Subjectivity	Exteriority O bjectivity	
<u>U</u> pper <u>L</u> eft Quadrant: Perception	<u>U</u> pper <u>R</u> ight Quadrant: Rationalisation	
Environmental phenomenology	Natural source of energy Resource efficiency & Carbon awareness	
Poetics of nature a	nd Biophilia	
Aesthetics & Affective sensations	Standards and regulations	
Form and Spatial percept	on Physical and Physiological comfort	
	tics of tectonics	
Land-Form building* (see LR)	Ethnomathematics* (see LL)	
Ecoaesthetics* (see LR)		
Individual Subjective (1 st person- the person)	objective (3 rd person- the thing) Individual	
Collective intersubjective (2nd person- the society)	interobjective (3 rd person- the <u>Collective</u> collective thing)	
	Ecological wisdom	
Green design ethics/ Environmental ethics	Land-Form building* (see UL)	
Myth & Rituals	Deep ecology	
Ethnomathematics*	Environmental equality/ Environmental justice	
(see UR) Cultural and historic narratives	Ecoaesthetics* (see UL) Cybernetics (Environmental)	
Social sustainability		
Sense of Place and Belonging	Circular causality	
<u>L</u> ower <u>L</u> eft Quadrant: Affiliation	<u>L</u> ower <u>R</u> ight Quadrant: Contextualisation	

*greyed-out portion of the word indicates the entanglement with another quadrant