

Architecture of Complex Systems

WEEK 2: FUNCTION AND EMERGENCE

Handout

Function>What Is Function?>

FUNCTION VS. FORM

Form:	Function:
What a system is - Noun	What a system does - Verb
Objects + Formal Structure	Operands + Processes
Aggregates (and Decomposes)	Emerges (and Zooms)
Enables function	Requires instrument of form
Specified at an interface	Specified at an interface
Source of Cost	Source of External Benefit
When transaction is a good	When transaction is a service