Shaping Things

"New forms of design and manufacture are appearing that lack historical precedent"

"Our current scale/methods of manufacturing and consumption are not sustainable"

Shaping Things

"Effective intervention takes place not in the human, not in the object, but in the realm of the technosocial"

Human Computer Interaction duality

Shaping Things

What are Sterling's technosocial epochs?

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What separates epochs?

Shaping Things

What separates epochs?

"We know that this revolution has become the new status quo when even the fiercest proponents of the earlier technoculture cannot physically overwhelm and defeat the new one"

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"It is important to explicitly acknowledge the downsides of any technological transformation"

Shaping Things

"It is important to explicitly acknowledge the downsides of any technological transformation"

"Tomorrow composts today"

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"What can you no longer earn a living without?"

"What technological feature would a country be completely

conquerable if they lost it?"

Shaping Things

Designers in a GIZMO world must design for cognitive load and opportunity cost

"...in an information-rich world, the wealth of information means a dearth of something else: a scarcity of whatever it is that information consumes. What information consumes is rather obvious: it consumes the attention of its recipients. Hence a wealth of information creates a poverty of attention and a need to allocate that attention efficiently among the overabundance of information sources that might consume it" (Simon 1971, p. 40-41).