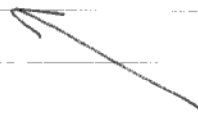


Turing Machine



100%
Deterministic
and repeatable

Particle machine



Redundancy
Determines
probability
of repeat

Detailed Discussions of Creating self contained machines for transforming the world

The bolt making machine

an outside engineered machine
sizing sub machines — Goals
standardization

Grass

autonomous, self contained

dual goal replication

expansion to boundaries of resources

Search for opportunities one of goals