System thinking / System science

GST - cybernetics theory

Example of CAS
- dynamic system
- game theory
- control theory
Various reading for IRIS.

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Design - System.

What is design science?
Design should be found on analysis and clarifying different design methods.

$\mathcal{M}_1, \mathcal{M}_2, \mathcal{M}_3, \ldots \mathcal{M}_n$

Each method is a system (i.e., a finite state machine).

Desired system should not be found on actual design except for the case of testing design methods.
How to design QMS?

1) Design - no need
   - map to current
   - So PK

2) Juran - seven step method

3) ISO 8000 - ?