

linear (in its widest sense) theories to explain chaos, entropy and complexity yet for operational aspects it does not seem to incorporate divergent non-linear thinking into problem solving?

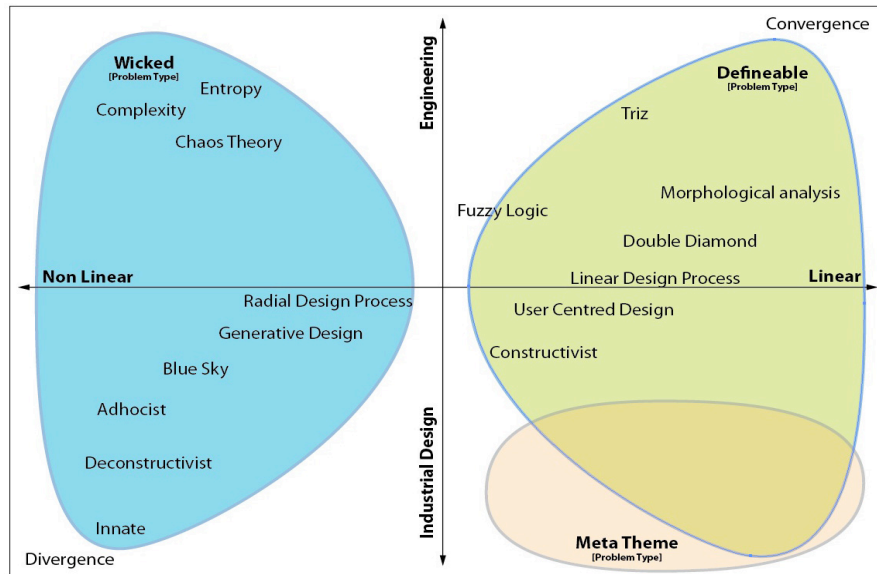


Figure.2 Mapping of linear and non-linear systems in design and engineering.

7. Conclusions

In this paper I have explored the background to linear and non-linear systems and through a piece of research and a diagram, hope to show the value in locating problem types with solutions and connection to extrovert and introverted personal attributes. The conclusions in many ways draw more questions than answers. The identification and description of problem types in industrial design are still at an early phase and many are imported or created via observations from other disciplines. A useful future goal would be a matrix composed of findings of the Wilde test superimposed over the context of design problem types. Further refinement is needed before comprehensive analysis and location of problem types in design can be undertaken.

8. References and Citations

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