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System Innovation as Synchronization

innovation attempts in the Dutch traffic management field

Bonno Pel

Propositions

- 1) **System innovations in current polycentric societies are more guided by an innovation attempt's variety of translations, than by this initiative itself. *This thesis.***
- 2) **As system innovation emerges from a set of evolving and co-evolving translation processes, researchers can only generate sufficient understanding if they apply nested-case methodologies. *This thesis.***
- 3) **Considering the complexity of system developments, research into the sustainability of these developments should focus on cases of ambiguous and contested 'innovation attempts', rather than on 'niches' considered promising. *This thesis.***
- 4) **Coherence and fragmentation are of equal pertinence to system innovation research. *This thesis.***
- 5) **The tense combination of objectivist and polycentric commitments in transition management does not indicate its ignorance of, but its learning from, planning history. *This thesis.***
- 6) **Administrative 'stalemates' do not exist (unfavorable equilibriums do).**
- 7) **The critical-theoretical notion of 'system failure' has not been surpassed by societal complexity, but has only become more relevant by it.**
- 8) **Congestion abatement is a form of market disturbance.**
- 9) **Computer-aided analysis may help evaluate positions but weakens the chess player; it fails to instruct decision-making under uncertainty.**
- 10) **The study of transportation and mobility primarily affords the social researcher with knowledge of the immobile.**
- 11) **To say that 20% of voters can't be wrong is to accept relativism - the other 80% can't be wrong either.**