

Analytik



PART I: Analytisk formål og metode

**Where's the
Revolution?**

**Facebook, Twitter,
and OpenSource**



Long Live Technological Determinism

- Determinisme har to sider
 - Teknologi opstår udenfor samfundet
 - Teknologisk forandring skaber social forandring
- **Wyatt:** Allowing determinism back into our analyses

Teknologiens stabilitet – black boxes

For most of us, most of the time, the technologies we use every day are of mysterious origin and design [...] we simply adapt ourselves to their requirements and hope that they will continue to function in the predictable and expectable ways.... (Wyatt: 169)



Symmetri principper

True <> False

Our equivalence postulate is that all beliefs are on a par with one another with respect to the causes of their credibility. It is not that all beliefs are equally true or equally false, but that regardless of truth and falsity the fact of their credibility is to be seen as equally problematic.

(Barnes & Bloor, 1982, p. 23)

Human <> Non-human

...the rule which we must respect is not to change registers when we move from the technical to the social aspects of the problem studied...

(Callon 1986: 201)

Informant-concept <> Analysts-concept

Symmetrical with respect to using concepts from analysts and actors

(Wyatt 2001: 166)



Long Live Technological Determinism

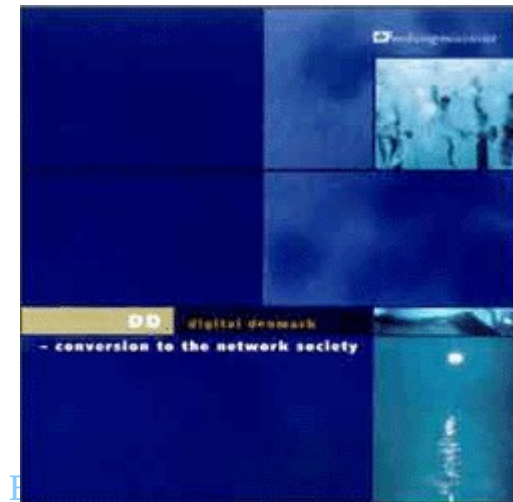
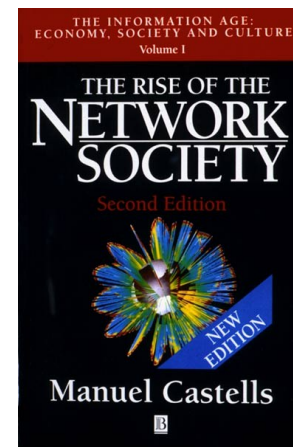
- Actors and analysts all have access to both the abstract and the material (**decentralisering af teori og empiri**)
- We are all technological determinists!
 - Selv ANT forskere
- Fokus på **justificatory determinism**
 - Vi kan ikke ophæve determinisme som begreb, fordi det er forkert, men vi kan spørge: **hvad gør det?** (også til egne begreber)
 - Hvad ”gør” teori, tekster, osv.?
 - At læse med teksten



Digital Denmark

Conversion to the Network Society

- Analyse tilgange
 - (Applicating the text) – Ifølge Minerva *er* du **ROSA!**
 - Reading against the text // Kritik // Dekonstruktion
 - Reading with the text // Pragmatik // Wyatt



Reading with the text

- **Adds more agency to the text as it moves into practices**
 - ...even reports must be analyzed in their **materiality**

...one can also choose to "travel" with the report to see how it "performs" and in what places it finds its "effective domain," that is, where its knowledge becomes situated in a partial way.

(Jensen & Lauritsen: 361)



Text in action

- Nordjyderne *translaterer* allerede eksisterende udvikling
 - detdigitalenordjylland.dk
 - 50 ”portable PCs” til Hammer Bakker School
- Digital Denmark er et ”relay between certain administrative and political practices and a diversity of local initiatives
 - Rapporten besidder Shiny vagueness



Post-ANT

- Støtte-Kritik af ANT:
 - Som banal og betydningsløst infraprogram (det er ikke neutralt at følge aktører omkring)
 - Alternativer til **black boxed** eksistens
 - Wyatt's symmetri – et forsøg på at undgå dekonstruktion
 - Latour har også skrevet meget om kritik.

...the difference between practical intervention and neutral observation is just one more dualism: pure description, as well as pure politics and intervention, does not exist.

(Gad/Jensen: 75)



Post-ANT

- **Post-plural attitude: more than one but less than many**
 - og det er ontologi vi snakker!
 - Kommer vi tættere på verden gennem flere perspektiver?
 - [do they] add up to anything coherent at all?
- **Empiriske er alle steder, og det er teoretisk!**

Instead of imagining the existence of two metalanguages (“researchers” and “informants”), which are opposed and struggling to get voice in sociological discourse, we suggest that one would do well to see ANT as allowing for the coexistence of *several* infralanguages, including the researchers' (Gad/Jensen: 64)

...practice ceases to be disconnected from theory, while theory no longer figures as a “perspective” existing on the outside, nowhere or everywhere. (Gad/Jensen: 77)

Part II: Analytiske greb



The Zimbabwe Bush Pump *is*:

- Et farverigt objekt der giver
 - Vand, sundhed, nationer, community...
- Et hydraulisk system, der kan løfte fra +100m dybde
- Beton dæksel til sikring mod E.coli
- The Vonder Rig ~ en begivenhed
- Water divinity



The Zimbabwe Bush Pump *is*:

- A nation builder
 - Opbygger infrastruktur til rent vand – bridging water divides
- Tilgivende pumpe med en økologi af (u)officielle reservedele
- Et vedligeholdelsesprogram
- Community builder



Bush Pump as Fluid

- Opfinderen Peter Morgan ”manages his own dissolution”
 - Han er central, men ikke netværksbygger
 - Ingen ophavsret = stor spredning = distributed action = loss of control
- Den er *fluid*
 - Den skaber/skabes i flere varianter
 - Ingen binære succes kriteriums



...if the pump must act, what is it to do? Provide water or provide health? Build communities or make a nation? And when does it succeed in doing any of these? (Mol/Laet: 247)

Skrumpelever

~Alcoholic Liver Disease

- Svært tilgængelig
 - Ingen typiske forløb
 - Samtalen gled over i alkoholisme, andre typer leversygdomme, sociale problemer....
- **Årsager til, at det empiriske driller**
 - Tekniske: dårlige spørgsmål, forkert metode...
 - Managerial: sygdommen er dårligt organiseret
 - Epistemologiske: Messy fordi der er mange perspektiver (skal finde *ind til det sande objekt*)
 - Ontologiske: Objekter *er* anderledes end vi tror



Fire-like objects

- Metaphysics of presence
 - ”to make things present is necessarily also [...] to make them absent”
- A pattern of presences and absences
 - ...they take the form of jumps and discontinuities
- Skrumpelever har 3 **absence-presences**
 - Medicinsk version <makes absent> alkohol version
Hospitalske kroppe <makes absent> psykiatriske sind
 - Skrumpelever <makes absent> Tid med børnene
 - Skrumpelever <makes absent> heroin



Bush fire objects

They cannot be included in each other. At the same time [...] they are also related to each other.. (Law/Singleton: 347)

Laptop Fire



Little green laptops are helping to develop the teaching in Nigeria where they are still using colonial ways of teaching.



...the more you carry the XO into the class the students will be quiet and they will listen attentively to what you are going to command. From then on we can start using it in our policy that if a student misbehaves we will not give him the XO again.

Performativ ontologi

- Virkeligheder er enacted into being
- Vi skal gentænke hvad vi mener med objekter – hvad leder vi efter?
- **One Nature many cultures** || **Multi-naturalism**



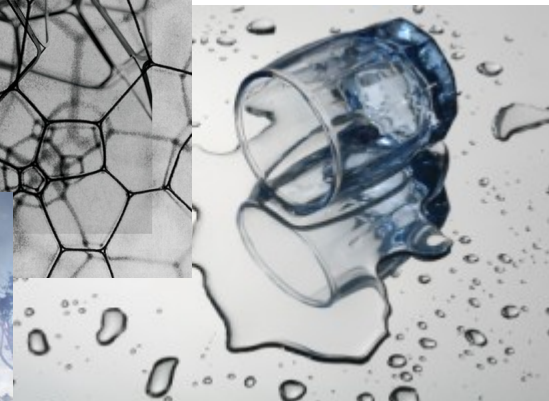
Den sociale virkelighed



Videnskabelige fakta

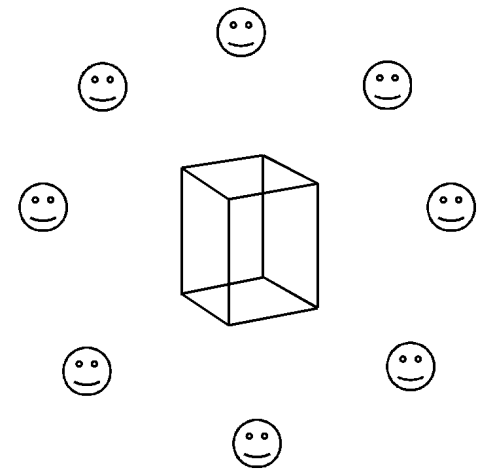


Den virkelige virkelighed



Beings

- Volumen // Fysisk objekt
- Network of relations // Relational work
 - Black Boxes & Immutable Mobiles
- Multiplicities // More than one, less than many
 - Åreforkalkning har flere forskellige *enactments*
- Fluids // ZBP
 - Gentle flow and undisturbed reshaping
 - Mutable Mobile
- Bush fires
 - Ontologically "lumpy"
- (Boundary objects, etc.)



Husker du: opgøret med perspectivism?

