Accountability-oriented design

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critical := explicating and challenging hidden assumptions
1. Assumptions in the conceptual model of visualization

reading traces: act of interpretation = data collection

[Image: Tree ring diagram]

Indexical design conference  http://www.northeastern.edu/indexical
2. assumptions about the central role of perception and cognition

(seeking patterns is overrated, prior knowledge underrated)
Plagiarism in the PhD thesis of Karl-Theodor Freiherr zu Guttenberg

Guttenplag - investigative crowdsourcing, visualization: Gregor Aisch, 2011
Accountability Technologies

collecting data

coordinating volunteers

spreading the message

Guttenplag activity, visualization: User8, reproduced in:

visualization is political — structuring social relationships, interactions, and norms
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<thead>
<tr>
<th>Metaphor of interaction</th>
<th>Paradigm 1</th>
<th>Paradigm 2</th>
<th>Paradigm 3</th>
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<tbody>
<tr>
<td>Interaction as man-machine coupling</td>
<td>Optimizing fit between man and machine</td>
<td>Optimizing accuracy and efficiency of information transfer</td>
<td>Interaction as phenomenologically situated</td>
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<td>Goal for interaction</td>
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