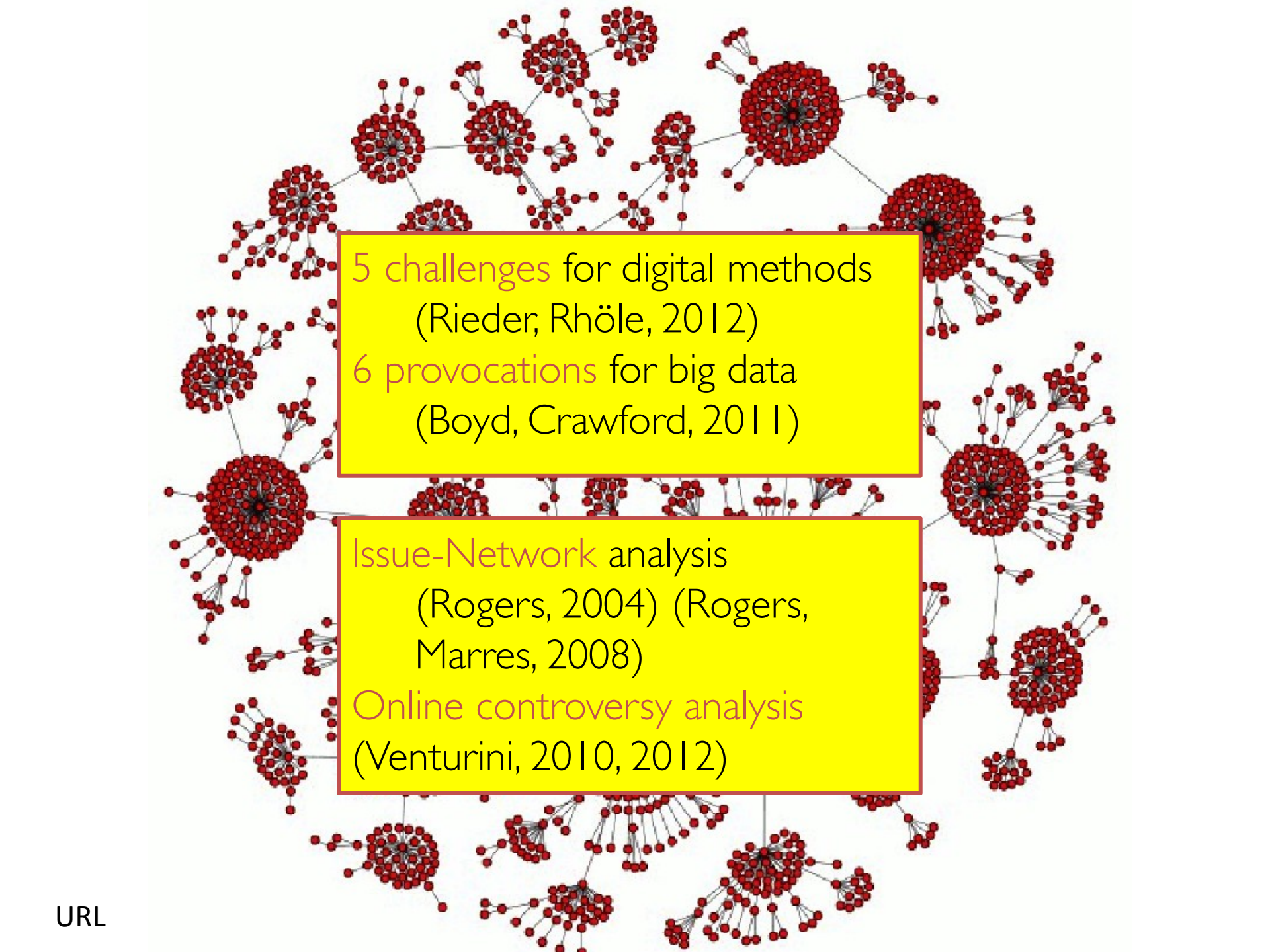


From **One Map** to the **Other**: the
Risky, yet **Heuristic**, Parallel
between **Web Graph** and **Digital
Cartography**

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Université de technologie de Compiègne

Social Science and Digital Research:
Interdisciplinary Insights
Oxford Internet Institute, 12/03/2012



5 challenges for digital methods
(Rieder, Rhöle, 2012)

6 provocations for big data
(Boyd, Crawford, 2011)

Issue-Network analysis
(Rogers, 2004) (Rogers,
Marres, 2008)

Online controversy analysis
(Venturini, 2010, 2012)

I. Common uses



To display

A close-up photograph of a traditional wooden ship's steering wheel. The wheel is made of dark, polished wood with multiple spokes radiating from a central brass hub. The hub has a circular, fluted design. The wheel is mounted on a wooden structure, and a portion of a person's hand is visible on the left side, gripping one of the spokes. In the background, a harbor scene is visible with several white boats docked at a pier. One boat has the word "OPREX" visible on its side. The water is calm, and the sky is overcast.

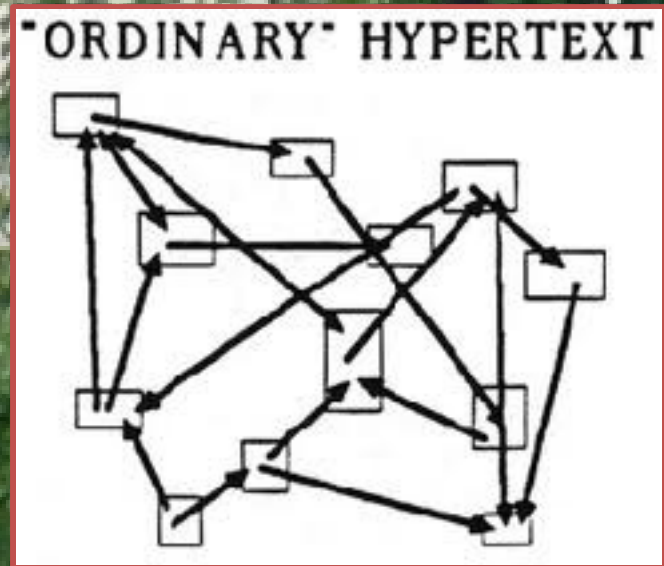
To navigate



To analyse

URL

II. What is different?



Ordinary Hypertext, Ted N
1967, URL

Geographic space **vs.** hypertext
system

III. Common challenges



Henri Cartier-Bresson, derrière la gare Saint-Lazare, URL

1/7. Between
immutability
and dynamic

process

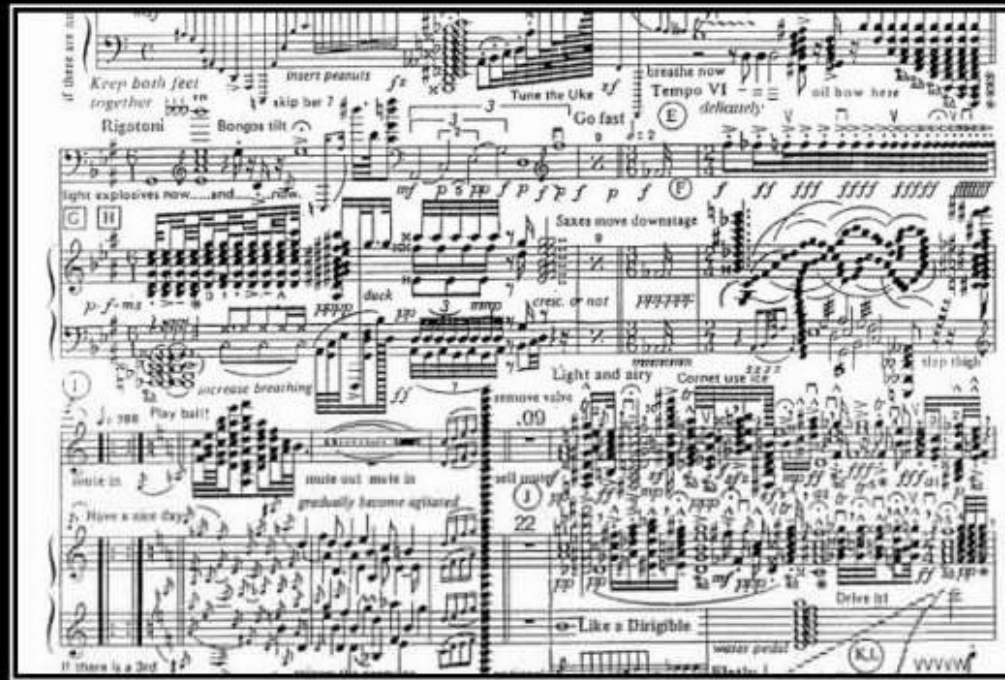


2/7. The danger of
black-boxing
Ex. Navicrawler vs.
Issuercrawler

3/7. Researcher's reflexivity



Les Meninas, Diego
Velazquez, 1656. Wikipedia



APHEX TWIN

Honestly does he write this stuff or just slam his keyboard?

4/7. Beware of the *dataporn*

5/7. Taking your time: mapping as a recursive process

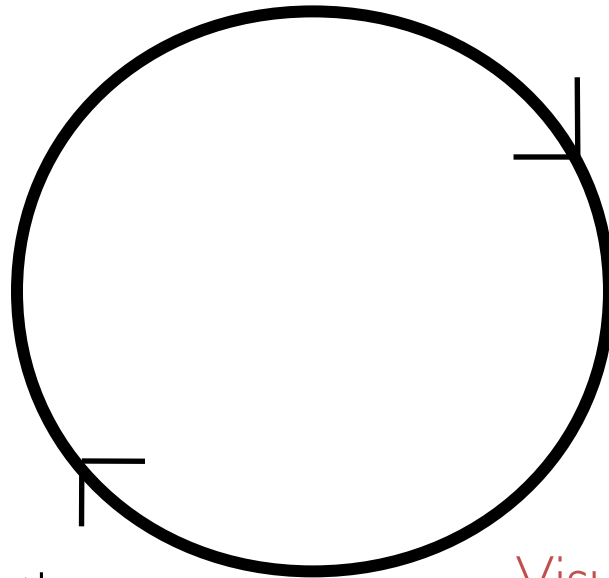
Identifying and exploring
websites

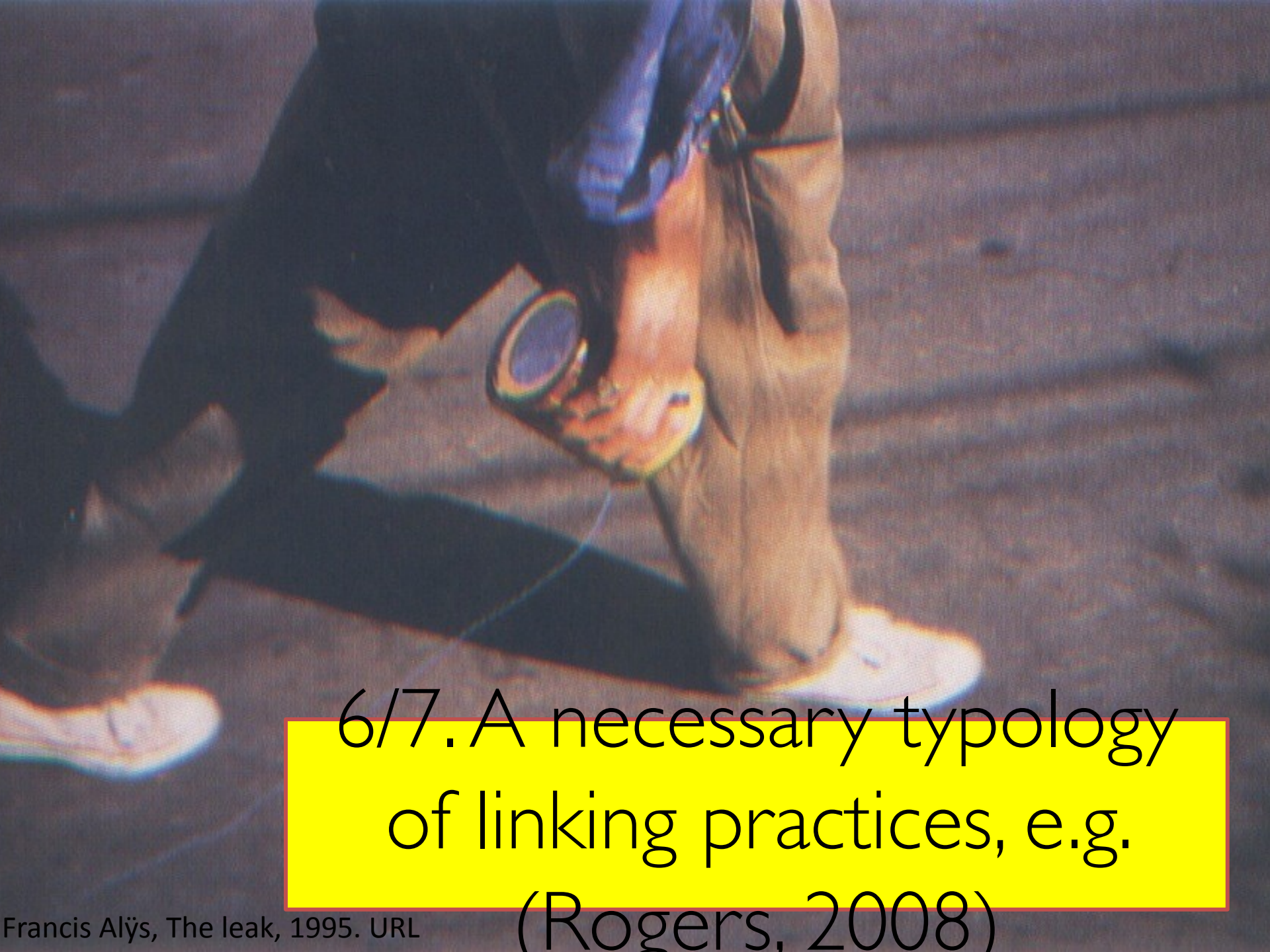
new and/or modified
hypothesis emerge

Indexing and
categorizing

Exploring the
graph

Visualizing in a
graph





6/7. A necessary typology
of linking practices, e.g.
(Rogers, 2008)



7/7. Multiplying methods



Thanks for your attention

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