

ANTH0017: Advanced Topics in Digital Culture

[View Online](#)


UG course in Advanced Digital Culture:
Old code : ANTH3001

```
@book{Adams_2016, title={Metrics},
url={http://read.dukeupress.edu/lookup/doi/10.1215/9780822374480},
DOI={10.1215/9780822374480}, publisher={Duke University Press}, author={Adams,
Vincanne}, year={2016}, month={Mar} }
```

```
@article{Alan Travis_2009, title={Innocent suspects' profiles still reaching DNA
database},
url={https://www.theguardian.com/politics/2009/oct/28/dna-database-innocent-profiles},
journal={Guardian}, author={Alan Travis}, year={2009}, month={Oct} }
```

```
@article{Alex Hern_2015, title={Google says non to French demand to expand right to be
forgotten worldwide},
url={https://www.theguardian.com/technology/2015/jul/30/google-rejects-france-expand-ri
ght-to-be-forgotten-worldwide}, journal={Guardian}, author={Alex Hern}, year={2015},
month={Jul} }
```

```
@article{Amoore_2011, title={Data Derivatives: On the Emergence of a Security Risk
Calculus for Our Times}, volume={28}, DOI={10.1177/0263276411417430},
number={6}, journal={Theory, Culture & Society}, author={Amoore, L.}, year={2011},
month={Nov}, pages={24-43} }
```

```
@article{Amoore_2006, title={Biometric borders: Governing mobilities in the war on
terror}, volume={25}, DOI={10.1016/j.polgeo.2006.02.001}, number={3},
journal={Political Geography}, author={Amoore, Louise}, year={2006}, month={Mar},
pages={336-351} }
```

```
@misc{Anderson, title={The End of Theory: The Data Deluge Makes the Scientific Method
Obsolete}, url={http://www.wired.com/2008/06/pb-theory/}, journal={Wired},
author={Anderson, Chris} }
```

```
@article{Anderson_Nafus_Rattenbury_Aipperspach_2009, title={Numbers Have Qualities
Too: Experiences with Ethno-Mining}, volume={2009},
DOI={10.1111/j.1559-8918.2009.tb00133.x}, number={1}, journal={Ethnographic Praxis
in Industry Conference Proceedings}, author={Anderson, Ken and Nafus, Dawn and
Rattenbury, Tye and Aipperspach, Ryan}, year={2009}, month={Aug},
pages={123-140} }
```

```
@article{Anna Tsing_2000, title={The Global Situation}, volume={15},
url={http://www.jstor.org/stable/656606?seq=1#page_scan_tab_contents}, number={3},
journal={Cultural Anthropology}, author={Anna Tsing}, year={2000}, pages={327-360}
}
```

@article{Annelise Riles_1998, title={Infinity within the Brackets}, volume={25}, url={http://www.jstor.org.libproxy.ucl.ac.uk/stable/645790?seq=1#page_scan_tab_contents}, number={3}, journal={American Ethnologist}, publisher={WileyAmerican Anthropological AssociationAmerican Anthropological Association}, author={Annelise Riles}, year={1998}, pages={378-398} }

@article{Antonia Walford_2012, title={Data Moves: Taking Amazonian Climate Science Seriously}, volume={30}, url={http://www.jstor.org/stable/43610877?seq=1#page_scan_tab_contents}, number={2}, journal={The Cambridge Journal of Anthropology}, publisher={Berghahn BooksBerghahn Books}, author={Antonia Walford}, year={2012}, pages={101-117} }

@article{Arturo Escobar_1999, title={After Nature Steps to an Antiessentialist Political Ecology}, volume={40}, url={http://www.jstor.org/stable/10.1086/515799?sid=primo&origin=crossref&seq=1#page_scan_tab_contents}, number={1}, journal={Current Anthropology}, author={Arturo Escobar}, year={1999}, pages={1-30} }

@article{Asdal_2008, title={Enacting things through numbers: Taking nature into account/ing}, volume={39}, DOI={10.1016/j.geoforum.2006.11.004}, number={1}, journal={Geoforum}, author={Asdal, Kristin}, year={2008}, month={Jan}, pages={123-132} }

@article{Barbara Ellen_2017, title={What I learned from home DNA testing}, url={https://www.theguardian.com/science/2017/jul/23/what-i-learned-from-home-dna-test-kits-are-they-accurate-or-worthwhile}, journal={Guardian}, author={Barbara Ellen}, year={2017}, month={Jul} }

@article{Beaulieu_2004, title={From brainbank to database: the informational turn in the study of the brain}, volume={35}, DOI={10.1016/j.shpsc.2004.03.011}, number={2}, journal={Studies in History and Philosophy of Science Part C: Studies in History and Philosophy of Biological and Biomedical Sciences}, author={Beaulieu, Anne}, year={2004}, month={Jun}, pages={367-390} }

@article{Beer_Burrows_2013, title={Popular Culture, Digital Archives and the New Social Life of Data}, volume={30}, DOI={10.1177/0263276413476542}, number={4}, journal={Theory, Culture & Society}, author={Beer, D. and Burrows, R.}, year={2013}, month={Jul}, pages={47-71} }

@article{Beer_2015, title={Productive measures: Culture and measurement in the context of everyday neoliberalism}, volume={2}, DOI={10.1177/2053951715578951}, number={1}, journal={Big Data & Society}, author={Beer, David}, year={2015}, month={Jun} }

@article{Beer_2016, title={How should we do the history of Big Data?}, volume={3}, DOI={10.1177/2053951716646135}, number={1}, journal={Big Data & Society}, author={Beer, David}, year={2016}, month={Jan} }

@inbook{Biagioli_2013, address={New York}, title={Rights or rewards? Changing frameworks of scientific authorship}, url={https://www.taylorfrancis.com/chapters/edit/10.4324/9780203954270-15}, DOI={10.4324/9780203954270}, booktitle={Scientific authorship: credit and intellectual

property in science}, publisher={Routledge}, author={Biagioli, M}, year={2013},
pages={253-281} }

@article{Birchall_2016, title={Shareveillance: Subjectivity between open and closed data}, volume={3}, DOI={10.1177/2053951716663965}, number={2}, journal={Big Data & Society}, author={Birchall, Clare}, year={2016}, month={Nov} }

@article{Blok_Pedersen_2014, title={Complementary social science? Quali-quantitative experiments in a Big Data world}, volume={1}, DOI={10.1177/2053951714543908}, number={2}, journal={Big Data & Society}, author={Blok, A. and Pedersen, M. A.}, year={2014}, month={Jul} }

@article{Blok_Carlsen_Jørgensen_Madsen_Ralund_Pedersen_2017, title={Stitching together the heterogeneous party: A complementary social data science experiment}, volume={4}, DOI={10.1177/2053951717736337}, number={2}, journal={Big Data & Society}, author={Blok, Anders and Carlsen, Hjalmar B and Jørgensen, Tobias B and Madsen, Mette M and Ralund, Snorre and Pedersen, Morten A}, year={2017}, month={Dec} }

@inbook{Boellstorff_2012, address={London}, title={Rethinking Digital Anthropology}, url={https://www.dawsonera.com/guard/protected/dawson.jsp?name=https://shib-idp.ucl.ac.uk/shibboleth&dest=http://www.dawsonera.com/depp/reader/protected/external/AbstractView/S9780857852922}, booktitle={Digital anthropology}, publisher={Berg}, author={Boellstorff, T}, year={2012} }

@article{Boellstorff_2013, title={Making big data, in theory}, volume={18}, DOI={10.5210/fm.v18i10.4869}, number={10}, journal={First Monday}, author={Boellstorff, Tom}, year={2013}, month={Oct} }

@inbook{Bowker_2005, address={Cambridge, Mass}, title={Databasing the world: biodiversity and the 2000s}, volume={Inside technology}, url={https://contentstore.cla.co.uk/secure/link?id=bb97c1ed-7efb-e711-80cd-005056af4099}, booktitle={Memory practices in the sciences}, publisher={MIT Press}, author={Bowker, G}, year={2005}, pages={107-136} }

@article{Bowker_2014, title={The Theory/Data Thing}, volume={8}, url={http://ijoc.org/index.php/ijoc/article/view/2190}, journal={International Journal of Communication}, author={Bowker, Geoffrey C.}, year={2014} }

@book{Bowker_Star_1999, address={Cambridge, Mass}, title={Sorting things out: classification and its consequences}, volume={Inside technology}, url={http://cognet.mit.edu/book/sorting-things-out}, publisher={MIT Press}, author={Bowker, Geoffrey C. and Star, Susan Leigh}, year={1999} }

@article{boyd_Crawford_2012a, title={CRITICAL QUESTIONS FOR BIG DATA}, volume={15}, DOI={10.1080/1369118X.2012.678878}, number={5}, journal={Information, Communication & Society}, author={boyd, danah and Crawford, Kate}, year={2012}, month={Jun}, pages={662-679} }

@article{boyd_Crawford_2012b, title={Critical Questions for Big Data}, volume={15}, DOI={10.1080/1369118X.2012.678878}, number={5}, journal={Information, Communication & Society}, author={boyd, Danah and Crawford, Kate}, year={2012},

month={Jun}, pages={662-679} }

@article{Breiger_2015, title={Scaling down}, volume={2},
DOI={10.1177/2053951715602497}, number={2}, journal={Big Data & Society},
author={Breiger, R. L.}, year={2015}, month={Dec} }

@article{Brian Moylan_2018, title={Grindr was a safe space for gay men. Its HIV status leak betrayed us | Brian Moylan},
url={https://www.theguardian.com/commentisfree/2018/apr/04/grindr-gay-men-hiv-status-leak-app}, journal={Guardian}, author={Brian Moylan}, year={2018}, month={Apr} }

@book{Browne_2015, title={Dark Matters},
url={http://read.dukeupress.edu/lookup/doi/10.1215/9780822375302},
DOI={10.1215/9780822375302}, publisher={Duke University Press}, author={Browne, Simone}, year={2015}, month={Sep} }

@article{Büscher_2016, title={Nature 2.0: Exploring and theorizing the links between new media and nature conservation}, volume={18},
DOI={10.1177/1461444814545841}, number={5}, journal={New Media & Society},
author={Büscher, Bram}, year={2016}, month={May}, pages={726-743} }

@inbook{Chua_Salmond_2012, title={Artefacts in anthropology},
url={https://contentstore.cla.co.uk/secure/link?id=8fd0b472-7efb-e711-80cd-005056af4099}, booktitle={SAGE handbook of social anthropology}, publisher={SAGE},
author={Chua, L. and Salmond, A.}, year={2012}, pages={101-115} }

@article{Chun_2008, title={The Enduring Ephemeral, or the Future Is a Memory},
volume={35}, DOI={10.1086/595632}, number={1}, journal={Critical Inquiry},
author={Chun, Wendy Hui Kyong}, year={2008}, month={Sep}, pages={148-171} }

@inbook{Coopmans_2014, address={Cambridge, Massachusetts}, title={Visual analytics as artful revelation}, volume={Inside technology},
url={http://www.jstor.org/stable/j.ctt9qf5hv.6?seq=1#page_scan_tab_contents},
booktitle={Representation in scientific practice revisited}, publisher={The MIT Press},
author={Coopmans, Catelijne}, editor={Coopmans, Catelijne}, year={2014} }

@article{Couldry_Powell_2014, title={Big Data from the bottom up}, volume={1},
DOI={10.1177/2053951714539277}, number={2}, journal={Big Data & Society},
author={Couldry, N. and Powell, A.}, year={2014}, month={Jul} }

@article{D. Haggerty, Richard V. Ericson_2000, title={The surveillant assemblage},
volume={51}, DOI={10.1080/00071310020015280}, number={4}, journal={British Journal of Sociology}, author={D. Haggerty, Richard V. Ericson, Kevin}, year={2000},
month={Dec}, pages={605-622} }

@inbook{2001, address={Santa Fe, N.M.}, title={Alienable Gifts and Inalienable Commodities}, volume={School of American Research advanced seminar series},
booktitle={The empire of things: regimes of value and material culture},
publisher={School of American Research Press}, author={D. Miller}, year={2001} }

@article{Dalsgaard_2013, title={The commensurability of carbon}, volume={3},
DOI={10.14318/hau3.1.006}, number={1}, journal={HAU: Journal of Ethnographic

Theory}, author={Dalsgaard, Steffen}, year={2013}, month={Jun}, pages={80-98} }

@article{Dawn Nafus_2014, title={Big Data, Big Questions - This One Does Not Go Up To 11: The Quantified Self Movement as an Alternative Big Data Practice}, volume={8}, url={http://ijoc.org/index.php/ijoc/article/view/2170}, journal={International Journal of Communication}, author={Dawn Nafus}, year={2014} }

@misc{Doe_2014, title={With genetic testing, I gave my parents the gift of divorce - Vox}, url={http://www.vox.com/2014/9/9/5975653/with-genetic-testing-i-gave-my-parents-the-gift-of-divorce-23andme}, journal={Vox Genetics}, author={Doe, George}, year={2014}, month={Sep} }

@inbook{Dourish_Mazmanian_2013, title={Media as Material: Information Representations as Material Foundations for Organizational Practice}, url={http://www.oxfordscholarship.com/view/10.1093/acprof:oso/9780199671533.001.0001/acprof-9780199671533-chapter-5}, DOI={10.1093/acprof:oso/9780199671533.003.0005}, booktitle={How Matter Matters}, publisher={Oxford University Press}, author={Dourish, Paul and Mazmanian, Melissa}, editor={Carlile, Paul R. and Nicolini, Davide and Langley, Ann and Tsoukas, Haridimos}, year={2013}, month={Mar}, pages={92-118} }

@article{Evelyn Ruppert_2011, title={Population Objects: Interpassive Subjects}, volume={45}, url={http://www.jstor.org/stable/42857535?seq=1#page_scan_tab_contents}, number={2}, journal={Sociology}, author={Evelyn Ruppert}, year={2011}, pages={218-233} }

@article{Fairhead_Leach_Scoones_2012, title={Green Grabbing: a new appropriation of nature?}, volume={39}, DOI={10.1080/03066150.2012.671770}, number={2}, journal={Journal of Peasant Studies}, author={Fairhead, James and Leach, Melissa and Scoones, Ian}, year={2012}, month={Apr}, pages={237-261} }

@article{Ford_2014, title={Big Data and Small: Collaborations between ethnographers and data scientists}, volume={1}, DOI={10.1177/2053951714544337}, number={2}, journal={Big Data & Society}, author={Ford, H.}, year={2014}, month={Jul} }

@article{Fortun_Poirier_Morgan_Costelloe-Kuehn_Fortun_2016, title={Pushback: Critical data designers and pollution politics}, volume={3}, DOI={10.1177/2053951716668903}, number={2}, journal={Big Data & Society}, author={Fortun, Kim and Poirier, Lindsay and Morgan, Alli and Costelloe-Kuehn, Brandon and Fortun, Mike}, year={2016}, month={Nov} }

@inbook{Franklin_2001, address={Durham [N.C.]}, title={Biologization Re-visited: Kinship Theory}, url={https://ucl.primo.exlibrisgroup.com/discovery/fulldisplay?docid=alma9931045211204761&context=L&vid=44UCL_INST:UCL_VU2&lang=en&search_scope=MyInst_and_CI&adaptor=Local%20Search%20Engine&isFrbr=true&tab=Everything&query=any,contains,Relative%20values:%20reconfiguring%20kinship%20studies&sortby=date_d&facet=frbrgroupid,include,61215140135456524&offset=0}, booktitle={Relative values: reconfiguring kinship studies}, publisher={Duke University Press}, author={Franklin, S.}, year={2001}, pages={302-325} }

@article{Franklin_2003, title={Re-thinking nature-culture: Anthropology and the new genetics}, volume={3}, DOI={10.1177/1463499603003001752}, number={1}, journal={Anthropological Theory}, author={Franklin, S.}, year={2003}, month={Mar}, pages={65-85} }

@inbook{Fujimara_1999, address={Dordrecht}, title={The Practice of Producing Meaning in Bioinformatics}, volume={Sociology of the sciences}, booktitle={The practices of human genetics}, publisher={Kluwer Academic}, author={Fujimara, J.}, year={1999}, pages={49-87} }

@inbook{Fuller_Goffey_2012a, address={Cambridge, Massachusetts}, title={Leak early, leak often}, url={https://ucl.primo.exlibrisgroup.com/view/action/uresolver.do?operation=resolveService&package_service_id=15040989580004761&institutionId=4761&customErId=4760&VE=true}, booktitle={Evil media}, publisher={The MIT Press}, author={Fuller, M and Goffey, A}, year={2012}, pages={100-104} }

@article{Fuller_Goffey_2012b, title={Digital Infrastructures and the Machinery of Topological Abstraction}, volume={29}, DOI={10.1177/0263276412450466}, number={4-5}, journal={Theory, Culture & Society}, author={Fuller, M. and Goffey, A.}, year={2012}, month={Jul}, pages={311-333} }

@book{Gabrys_2016, address={Minneapolis}, title={Program earth: environmental sensing technology and the making of a computational planet}, volume={Electronic mediations}, url={http://www.jstor.org/stable/10.5749/j.ctt1b7x5gq}, publisher={University of Minnesota Press}, author={Gabrys, Jennifer}, year={2016} }

@inbook{Gabrys_2017, address={London}, title={Powering the digital: From energy ecologies to electronic environmentalism}, booktitle={Media and the Ecological Crisis}, publisher={Routledge}, author={Gabrys, Jennifer}, editor={Maxwell, Richard and Raundalen, Jon and Vestberg, Nina Lager}, year={2017}, pages={3-18} }

@article{Gabrys_Pritchard_Barratt_2016, title={Just good enough data: Figuring data citizenships through air pollution sensing and data stories}, volume={3}, DOI={10.1177/2053951716679677}, number={2}, journal={Big Data & Society}, author={Gabrys, Jennifer and Pritchard, Helen and Barratt, Benjamin}, year={2016}, month={Nov} }

@article{Garnett_2016, title={Developing a feeling for error: Practices of monitoring and modelling air pollution data}, volume={3}, DOI={10.1177/2053951716658061}, number={2}, journal={Big Data & Society}, author={Garnett, Emma}, year={2016}, month={Nov} }

@article{Geismar_Mohns_2011, title={Social relationships and digital relationships: rethinking the database at the Vanuatu Cultural Centre}, volume={17}, DOI={10.1111/j.1467-9655.2011.01693.x}, journal={Journal of the Royal Anthropological Institute}, author={Geismar, Haidy and Mohns, William}, year={2011}, month={May}, pages={S133-S155} }

@article{George E. Marcus and Marcelo Pizarro_2008, title={The End(s) of Ethnography: Social/Cultural Anthropology's Signature Form of Producing Knowledge in Transition}, volume={23},

url={http://www.jstor.org/stable/20484493?seq=1#page_scan_tab_contents},
 number={1}, journal={Cultural Anthropology}, author={George E. Marcus and Marcelo
 Pizarro}, year={2008}, pages={1-14} }

@article{Gerlitz_Lury_2014, title={Social media and self-evaluating assemblages: on
 numbers, orderings and values}, volume={15}, DOI={10.1080/1600910X.2014.920267},
 number={2}, journal={Distinktion: Scandinavian Journal of Social Theory},
 author={Gerlitz, Carolin and Lury, Celia}, year={2014}, month={May},
 pages={174-188} }

@article{Gilles Deleuze_1992, title={Postscript on the Societies of Control},
 volume={59},
 url={http://www.jstor.org.libproxy.ucl.ac.uk/stable/778828?seq=1#page_scan_tab_content
 s}, journal={October}, publisher={The MIT PressThe MIT Press}, author={Gilles
 Deleuze}, year={1992}, pages={3-7} }

@book{Gitelman_2013, address={Cambridge, Mass}, title={'Raw data' is an oxymoron},
 volume={Infrastructures series},
 url={http://ieeexplore.ieee.org/xpl/bkabstractplus.jsp?bkn=6451327}, publisher={MIT
 Press}, author={Gitelman, Lisa}, year={2013} }

@article{Grebowicz_2014, title={Glacial Time and Lonely Crowds:The social effects of
 climate change as internet spectacle}, volume={5},
 url={https://doi.org/10.1215/22011919-3615388}, journal={Environmental Humanities},
 author={Grebowicz, Margret}, year={2014}, pages={1-11} }

@inbook{Gregg_2015, address={Chicago}, title={The Gift That Is Not Given},
 volume={Paradigm}, booktitle={Data, now bigger and better!}, publisher={Prickly
 Paradigm Press}, author={Gregg, M.}, editor={Boellstorff, Tom and Maurer, Bill},
 year={2015} }

@article{Gross_2011, title={The economy of social data: exploring research ethics as
 device}, volume={59}, DOI={10.1111/j.1467-954X.2012.02055.x}, journal={The
 Sociological Review}, author={Gross, Ana}, year={2011}, month={Dec},
 pages={113-129} }

@inbook{Hacking_1990, address={Cambridge}, title={The argument}, volume={Ideas
 in Context}, url={http://dx.doi.org/10.1017/CBO9780511819766}, booktitle={The Taming
 of Chance}, publisher={Cambridge University Press}, author={Hacking, I}, year={1990},
 pages={1-10} }

@article{Haidy Geismar and William Mohns_2011, title={Social relationships and digital
 relationships: rethinking the database at the Vanuatu Cultural Centre}, volume={17},
 url={https://www-jstor-org.libproxy.ucl.ac.uk/stable/23011429?seq=1#metadata_info_tab_
 contents}, journal={The Journal of the Royal Anthropological Institute}, publisher={Royal
 Anthropological Institute of Great Britain and Ireland}, author={Haidy Geismar and
 William Mohns}, year={2011} }

@book{Halpern_2014a, address={Durham, N.C.}, title={Beautiful data: a history of
 vision and reason since 1945}, volume={Experimental futures}, publisher={Duke
 University Press}, author={Halpern, Orit}, year={2014} }

@article{Halpern_2014b, title={Cybernetic rationality}, volume={15}, DOI={10.1080/1600910X.2014.923320}, number={2}, journal={Distinktion: Scandinavian Journal of Social Theory}, author={Halpern, Orit}, year={2014}, month={May}, pages={223-238} }

@book{Halpern_2015, title={Beautiful Data}, DOI={10.1215/9780822376323-010}, publisher={Duke University Press}, author={Halpern, Orit}, year={2015}, month={Dec} }

@inbook{Haraway_1997, address={New York}, title={Chapter 4: Gene}, booktitle={Modest□Witness@Second□Millennium.FemaleMan□Meets□OncoMouse: feminism and technoscience}, publisher={Routledge}, author={Haraway, D.}, year={1997} }

@article{Haraway_1988, title={Situated Knowledges: The Science Question in Feminism and the Privilege of Partial Perspective}, volume={14}, DOI={10.2307/3178066}, number={3}, journal={Feminist Studies}, author={Haraway, Donna}, year={1988}, month={Autumn} }

@article{Harvey_2012, title={The Topological Quality of Infrastructural Relation: An Ethnographic Approach}, volume={29}, DOI={10.1177/0263276412448827}, number={4-5}, journal={Theory, Culture & Society}, author={Harvey, P.}, year={2012}, month={Jul}, pages={76-92} }

@book{Hayles_1999, address={Chicago}, title={How we became posthuman: virtual bodies in cybernetics, literature, and informatics}, publisher={University of Chicago P.}, author={Hayles, N. Katherine}, year={1999} }

@inbook{Helmreich_2002, address={Durham, N.C.}, title={Kinship in Hypertext}, url={http://www.vlebooks.com/vleweb/product/openreader?id=UCL&isbn=9780822383222}, booktitle={Relative values: reconfiguring kinship studies}, publisher={Duke University Press}, author={Helmreich, S.}, year={2002}, pages={116-143} }

@article{Helmreich_2007, title={Blue-green Capital, Biotechnological Circulation and an Oceanic Imaginary: A Critique of Biopolitical Economy}, volume={2}, DOI={10.1017/S1745855207005753}, number={3}, journal={BioSocieties}, author={Helmreich, Stefan}, year={2007}, month={Sep}, pages={287-302} }

@article{Hilgartner_2012, title={Selective flows of knowledge in technoscientific interaction: information control in genome research}, volume={45}, DOI={10.1017/S0007087412000106}, number={02}, journal={The British Journal for the History of Science}, author={Hilgartner, Stephen}, year={2012}, month={Jun}, pages={267-280} }

@book{Hirsch_Strathern_2004, address={New York}, title={Transactions and creations: property debates and the stimulus of Melanesia}, url={https://www.jstor.org/stable/j.ctv287skdk}, publisher={Berghahn Books}, author={Hirsch, Eric and Strathern, Marilyn}, year={2004} }

@article{Hogan_2015, title={Data flows and water woes: The Utah Data Center}, volume={2}, DOI={10.1177/2053951715592429}, number={2}, journal={Big Data & Society}, author={Hogan, M  l}, year={2015}, month={Dec} }

@article{Hui_2012, title={What is a Digital Object?}, volume={43}, DOI={10.1111/j.1467-9973.2012.01761.x}, number={4}, journal={Metaphilosophy}, author={Hui, Yuk}, year={2012}, month={Jul}, pages={380-395} }

@article{Igoe_2010, title={The spectacle of nature in the global economy of appearances: Anthropological engagements with the spectacular mediations of transnational conservation}, volume={30}, DOI={10.1177/0308275X10372468}, number={4}, journal={Critique of Anthropology}, author={Igoe, J.}, year={2010}, month={Dec}, pages={375-397} }

@article{Isin_Ruppert_2017, title={Digital Citizenship and Surveillance| Citizen Snowden}, volume={11}, url={http://ijoc.org/index.php/ijoc/article/view/5642}, journal={International Journal of Communication}, author={Isin, Engin and Ruppert, Evelyn}, year={2017} }

@inbook{2014, address={[Washington, D.C.]}, title={Where the Internet Lives: Data Centers as Cloud Infrastructure}, url={http://app.knovel.com/hotlink/toc/id:kpTSTMPNF2/traffic_signal_timing_manual_publication_no_fhwhop08024}, number={FHWA-HOP-08-024}, booktitle={Traffic signal timing manual}, publisher={U.S. Department of Transportation}, author={J. Holt and Patrick Vondereau}, year={2014} }

@inbook{ title={Ch. 4: The person}, url={https://www-cambridge-org.libproxy.ucl.ac.uk/core/books/after-kinship/BF660970EC79E6A4847E76A38CBE1DB9}, booktitle={After Kinship by Janet Carsten}, publisher={Cambridge University Press}, author={Janet Carsten}, pages={83-108} }

@article{Jasanoff_2017, title={Virtual, visible, and actionable: Data assemblages and the sightlines of justice}, volume={4}, DOI={10.1177/2053951717724477}, number={2}, journal={Big Data & Society}, author={Jasanoff, Sheila}, year={2017}, month={Dec} }

@article{Jensen_Morita_2015, title={Infrastructures as Ontological Experiments}, volume={1}, url={http://estsjournal.org/article/view/21}, journal={Engaging Science, Technology, and Society}, author={Jensen, Casper Bruun and Morita, Atsuro}, year={2015}, month={Nov}, pages={81-87} }

@article{John_2013, title={Sharing and Web 2.0: The emergence of a keyword}, volume={15}, DOI={10.1177/1461444812450684}, number={2}, journal={New Media & Society}, author={John, Nicholas A.}, year={2013}, month={Mar}, pages={167-182} }

@article{Kaufmann_2015, title={Resilience 2.0: social media use and (self-)care during the 2011 Norway attacks}, volume={37}, DOI={10.1177/0163443715584101}, number={7}, journal={Media, Culture & Society}, author={Kaufmann, M.}, year={2015}, month={Oct}, pages={972-987} }

@misc{Kelty_Coleman_Strassler_2012, title={Commentary and Discussion on the Digital Form Curated Collection}, url={http://www.culanth.org/curated_collections/8-the-digital-form/discussions/15-commentary-and-discussion-on-the-digital-form-curated-collection}, journal={Curated Collections, Cultural Anthropology Online}, author={Kelty, Christopher and Coleman, Gabriella and

Strassler, Karen}, year={2012}, month={Dec} }

@article{Kelty_2012, title={This is not an article: Model organism newsletters and the question of 'open science'}, volume={7}, DOI={10.1057/biosoc.2012.8}, number={2}, journal={BioSocieties}, author={Kelty, Christopher M}, year={2012}, month={Jun}, pages={140-168} }

@article{Kim Fortun_2004, title={From Bhopal to the Informing of Environmentalism: Risk Communication in Historical Perspective}, volume={19}, url={http://www.jstor.org.libproxy.ucl.ac.uk/stable/3655245?seq=1#page_scan_tab_contents}, journal={Osiris}, publisher={The University of Chicago Press}, author={Kim Fortun}, year={2004}, pages={283-296} }

@inbook{Kirstie Ball ; Kevin D. Haggend David Lyon, title={Bruno, Fernanda. (2012) Surveillance and Participation on Web 2.0.}, DOI={10.4324/9780203814949}, booktitle={Routledge Handbook of Surveillance Studies}, author={Kirstie Ball ; Kevin D. Haggend David Lyon} }

@article{Kitchin_2014a, title={Big Data, new epistemologies and paradigm shifts}, volume={1}, DOI={10.1177/2053951714528481}, number={1}, journal={Big Data & Society}, author={Kitchin, R.}, year={2014}, month={Apr} }

@book{Kitchin_2014b, address={Los Angeles}, title={The data revolution: big data, open data, data infrastructures and their consequences}, url={http://srmo.sagepub.com/view/the-data-revolution/SAGE.xml}, publisher={SAGE}, author={Kitchin, Rob}, year={2014} }

@inbook{Knox_2015, address={Ithaca}, title={Carbon, Convertibility, and the Technopolitics of Oil}, url={https://ucl.primo.exlibrisgroup.com/discovery/fulldisplay?docid=alma9931090819204761&context=L&vid=44UCL_INST:UCL_VU2&lang=en&search_scope=MyInst_and_CI&adaptor=Local%20Search%20Engine&isFrbr=true&tab=Everything&query=any,contains,990022437450204761&sortby=date_d&facet=frbrgroupid,include,9022657445453213247&offset=0}, booktitle={Subterranean estates: life worlds of oil and gas}, publisher={Cornell University Press}, author={Knox, H.}, editor={Appel, Hannah and Mason, Arthur and Watts, Michael}, year={2015} }

@article{Laidlaw_2000, title={A free gift makes no friends}, volume={6}, DOI={10.1111/1467-9655.00036}, number={4}, journal={Journal of the Royal Anthropological Institute}, author={Laidlaw, James}, year={2000}, month={Dec}, pages={617-634} }

@article{Lake_2017, title={Big Data, urban governance, and the ontological politics of hyperindividualism}, volume={4}, DOI={10.1177/2053951716682537}, number={1}, journal={Big Data & Society}, author={Lake, Robert W}, year={2017}, month={Jun} }

@article{Lash_2007, title={Power after Hegemony: Cultural Studies in Mutation?}, volume={24}, DOI={10.1177/0263276407075956}, number={3}, journal={Theory, Culture & Society}, author={Lash, S.}, year={2007}, month={May}, pages={55-78} }

@inbook{Latour_1999, address={Cambridge, Mass}, title={Bruno Latour Pandora's Hope Ch 2: Circulating Reference}, url={https://contentstore.cla.co.uk/secure/link?id=a214d3b6-7cf1-e711-80cd-005056af4099}, booktitle={Pandora's hope: essays on the reality of science studies},

`publisher={Harvard University Press}, author={Latour, Bruno}, year={1999},
pages={24-79} }`

`@article{Latour_Jensen_Venturini_Grauwin_Boullier_2012, title={'The whole is always
smaller than its parts' - a digital test of Gabriel Tardes' monads}, volume={63},
DOI={10.1111/j.1468-4446.2012.01428.x}, number={4}, journal={The British Journal of
Sociology}, author={Latour, Bruno and Jensen, Pablo and Venturini, Tommaso and
Grauwin, Sébastien and Boullier, Dominique}, year={2012}, month={Dec},
pages={590-615} }`

`@article{Leach_2011, title={The Self of the Scientist, Material for the Artist: Emergent
Distinctions in an Interdisciplinary Collaboration}, volume={55},
DOI={10.3167/sa.2011.550308}, number={3}, journal={Social Analysis},
author={Leach, James}, year={2011}, month={Jan} }`

`@inbook{Lehning_Dawes_Bavay et. al., address={Redmond, Wash}, title={Instrumenting
the earth: Next-generation sensor networks and environmental science}, booktitle={The
fourth paradigm: data-intensive scientific discovery}, publisher={Microsoft Research},
author={Lehning, M. and Dawes, N. and Bavay et. al., M.}, pages={45-51} }`

`@article{Leonelli_2013, title={Why the Current Insistence on Open Access to Scientific
Data? Big Data, Knowledge Production, and the Political Economy of Contemporary
Biology}, volume={33}, DOI={10.1177/0270467613496768}, number={1-2},
journal={Bulletin of Science, Technology & Society}, author={Leonelli, S.}, year={2013},
month={Feb}, pages={6-11} }`

`@article{Lezaun_Montgomery_2015, title={The Pharmaceutical Commons: Sharing and
Exclusion in Global Health Drug Development}, volume={40},
DOI={10.1177/0162243914542349}, number={1}, journal={Science, Technology &
Human Values}, author={Lezaun, J. and Montgomery, C. M.}, year={2015},
month={Jan}, pages={3-29} }`

`@article{Lippert_2015, title={Environment as datascape: Enacting emission realities in
corporate carbon accounting}, volume={66}, DOI={10.1016/j.geoforum.2014.09.009},
journal={Geoforum}, author={Lippert, Ingmar}, year={2015}, month={Nov},
pages={126-135} }`

`@article{Lupton_2013, title={Quantifying the body: monitoring and measuring health in
the age of mHealth technologies}, volume={23},
DOI={10.1080/09581596.2013.794931}, number={4}, journal={Critical Public Health},
author={Lupton, Deborah}, year={2013}, month={Dec}, pages={393-403} }`

`@article{Lupton_2014, title={The commodification of patient opinion: the digital patient
experience economy in the age of big data}, volume={36},
DOI={10.1111/1467-9566.12109}, number={6}, journal={Sociology of Health & Illness},
author={Lupton, Deborah}, year={2014}, month={Jul}, pages={856-869} }`

`@book{Lupton_2016, address={Cambridge}, title={The quantified self: a sociology of
self-tracking},
url={https://search-ebSCOhost-com.libproxy.ucl.ac.uk/login.aspx?direct=true&AuthTy
pe=ip,shib&db=nlebk&AN=1353377&site=ehost-live&scope=site&
p;custid=s8454451}, publisher={Polity Press}, author={Lupton, Deborah}, year={2016}`

}

@misc{Lupton, title={Self-tracking modes: reflexive self-monitoring and data practices}, url={https://papers.ssrn.com/sol3/papers.cfm?abstract_id=2483549}, journal={Social life of big data symposium 2nd June 2015}, publisher={School of Communications and Arts, Edith Cowan University, Perth Western Australia}, author={Lupton, Deborah} }

@article{LYON_2008, title={BIOMETRICS, IDENTIFICATION AND SURVEILLANCE}, volume={22}, DOI={10.1111/j.1467-8519.2008.00697.x}, number={9}, journal={Bioethics}, author={LYON, DAVID}, year={2008}, month={Nov}, pages={499-508} }

@article{Lyon_2008, title={Biometrics, Identification and Surveillance}, volume={22}, DOI={10.1111/j.1467-8519.2008.00697.x}, number={9}, journal={Bioethics}, author={Lyon, David}, year={2008}, month={Nov}, pages={499-508} }

@article{Lyon_2010, title={Liquid Surveillance: The Contribution of Zygmunt Bauman to Surveillance Studies1}, volume={4}, DOI={10.1111/j.1749-5687.2010.00109.x}, number={4}, journal={International Political Sociology}, author={Lyon, David}, year={2010}, month={Dec}, pages={325-338} }

@article{Lyon_2014, title={Surveillance, Snowden, and Big Data: Capacities, consequences, critique}, volume={1}, DOI={10.1177/2053951714541861}, number={2}, journal={Big Data & Society}, author={Lyon, David}, year={2014}, month={Jul} }

@inbook{2015, title={What Toll Pursuit: Affective Assemblages in Genomics and Postgenomics}, url={<https://read.dukeupress.edu/books/book/160/>}, DOI={10.1215/9780822375449}, booktitle={Postgenomics}, publisher={Duke University Press}, author={M. Fortun}, editor={Richardson, Sarah S. and Stevens, Hallam}, year={2015}, month={Apr} }

@article{Mackenzie_2003, title={These Things Called Systems}, volume={33}, DOI={10.1177/03063127030333003}, number={3}, journal={Social Studies of Science}, author={Mackenzie, Adrian}, year={2003}, month={Jun}, pages={365-387} }

@article{Mackenzie_2014, title={Multiplying numbers differently: an epidemiology of contagious convolution}, volume={15}, DOI={10.1080/1600910X.2014.922110}, number={2}, journal={Distinktion: Scandinavian Journal of Social Theory}, author={Mackenzie, Adrian}, year={2014}, month={May}, pages={189-207} }

@article{Manovich_1999, title={Database as Symbolic Form}, volume={5}, DOI={10.1177/135485659900500206}, number={2}, journal={Convergence: The International Journal of Research into New Media Technologies}, author={Manovich, L.}, year={1999}, month={Jun}, pages={80-99} }

@inbook{Marcus_2010, address={Chichester, West Sussex}, title={Holism and the Expectations of Critique in Post-1980s Anthropology; Notes and Queries, and an Epilogue}, url={<http://dx.doi.org/10.1002/9781444324426>}, booktitle={Experiments in holism: theory and practice in contemporary anthropology}, publisher={Wiley-Blackwell}, author={Marcus, G.}, year={2010}, pages={28-46} }

@article{MARILYN STRATHERN_2001, title={VIRTUAL SOCIETY? GET REAL! Ashridge 4-5 May 2000: Conference of the 'Virtual Society?: the Social Science of Electronic Technologies' Programme: Abstraction and decontextualisation: an anthropological comment}, volume={22}, url={http://www.jstor.org.libproxy.ucl.ac.uk/stable/23820353?seq=1#page_scan_tab_contents}, number={1}, journal={The Cambridge Journal of Anthropology}, publisher={Berghahn Books}, author={MARILYN STRATHERN}, year={2001}, pages={52-66} }

@misc{Marr_21AD, title={The Difference Between Big Data and a Lot of Data}, url={http://data-informed.com/}, publisher={Data Informed}, author={Marr, Bernard}, year={21AD} }

@article{Marres_Weltevrede_2013, title={Scraping the social?}, volume={6}, DOI={10.1080/17530350.2013.772070}, number={3}, journal={Journal of Cultural Economy}, author={Marres, Noortje and Weltevrede, Esther}, year={2013}, month={Aug}, pages={313-335} }

@article{Marwick_boyd_2014, title={Networked privacy: How teenagers negotiate context in social media}, volume={16}, DOI={10.1177/1461444814543995}, number={7}, journal={New Media & Society}, author={Marwick, Alice E and boyd, danah}, year={2014}, month={Nov}, pages={1051-1067} }

@inbook{Maurer, W.M._2015, title={Principles of Alliance and Descent for Big Data}, url={http://escholarship.org/uc/item/41r1s161}, publisher={Prickly Paradigm Press/University of Chicago}, author={Maurer, W.M.}, year={2015}, pages={67-86} }

@article{M'charek_Schramm_Skinner_2014, title={Topologies of Race}, volume={39}, DOI={10.1177/0162243913509493}, number={4}, journal={Science, Technology, & Human Values}, author={M'charek, Amade and Schramm, Katharina and Skinner, David}, year={2014}, month={Jul}, pages={468-487} }

@article{Mike Rowe, title={AI profiling: the social and moral hazards of 'predictive' policing}, url={https://theconversation.com/ai-profiling-the-social-and-moral-hazards-of-predictive-policing-92960}, journal={The Conversation}, author={Mike Rowe} }

@article{Mike Savage and Roger Burrows_2007, title={The Coming Crisis of Empirical Sociology}, volume={41}, url={http://www.jstor.org.libproxy.ucl.ac.uk/stable/42858273?seq=1#page_scan_tab_contents}, number={5}, journal={Sociology}, publisher={Sage Publications, Ltd.Sage Publications, Ltd.}, author={Mike Savage and Roger Burrows}, year={2007}, pages={885-899} }

@article{Nadim_2016a, title={Blind regards: Troubling data and their sentinels}, volume={3}, DOI={10.1177/2053951716666301}, number={2}, journal={Big Data & Society}, author={Nadim, Tahani}, year={2016}, month={Nov} }

@article{Nadim_2016b, title={Blind regards: Troubling data and their sentinels}, volume={3}, DOI={10.1177/2053951716666301}, number={2}, journal={Big Data & Society}, author={Nadim, Tahani}, year={2016}, month={Nov} }

@article{Nafus, D ; Sherman, J, title={This One Does Not Go Up to 11: The Quantified Self Movement as an Alternative Big Data Practice},
url={http://ucl-primo.hosted.exlibrisgroup.com/primo_library/libweb/action/display.do?tabs=detailsTab&ct=display&fn=search&doc=TN_wos000349010500023&indx=1&reclids=TN_wos000349010500023&reclids=0&elementId=0&renderMode=poppedOut&displayMode=full&frbrVersion=&frbg=&∓dsent=0&scp.scps=scope%3A%28UCL%29%2Cprimo_central_multiple_fe&tb=t&mode=Basic&vid=UCL_VU1&srt=rank&tab=local&dum=true&vl(freeText0)=%20Nafus%2C%20D.%20and%20J.%20Sherman%20%282014%29%20This%20One%20Does%20Not%20Go%20Up%20to%20Eleven%3A%20The%20Quantified%20Self%20Movement%20as%20an%20Alternative%20Big%20Data%20Practice.%20International%20Journal%20of%20Communication%2C%20Vol%208.&dstmp=1471435285056}, author={Nafus, D ; Sherman, J} }

@article{Nafus_2014, title={Stuck data, dead data, and disloyal data: the stops and starts in making numbers into social practices}, volume={15},
DOI={10.1080/1600910X.2014.920266}, number={2}, journal={Distinktion: Scandinavian Journal of Social Theory}, author={Nafus, Dawn}, year={2014}, month={May}, pages={208-222} }

@misc{Nafus_2015, title={Data, Data, Everywhere, but Who Gets to Interpret It? | EPIC},
url={https://www.epicpeople.org/data-data-everywhere/}, journal={EPIC}, publisher={EPICPeople.org}, author={Nafus, Dawn}, year={2015}, month={May} }

@article{Owen Bowcott_2018, title={Home Office data exemption sparks fears of further Windrush scandals},
url={https://www.theguardian.com/uk-news/2018/apr/23/home-office-data-exemption-sparks-fears-of-renewed-windrush-scandals}, journal={Guardian}, author={Owen Bowcott}, year={2018}, month={Apr} }

@article{Pantzar_Ruckenstein_2015, title={The heart of everyday analytics: emotional, material and practical extensions in self-tracking market}, volume={18},
DOI={10.1080/10253866.2014.899213}, number={1}, journal={Consumption Markets & Culture}, author={Pantzar, Mika and Ruckenstein, Minna}, year={2015}, month={Jan}, pages={92-109} }

@book{Poole_Das_2004, address={Santa Fe, N.M.}, edition={1st ed},
title={Anthropology in the margins of the state},
url={http://muse.jhu.edu/books/9781934691656/}, publisher={School of American Research Press}, author={Poole, Deborah and Das, Veena}, year={2004} }

@book{Porter_1995, address={Princeton, N.J.}, title={Trust in numbers: the pursuit of objectivity in science and public life}, publisher={Princeton University Press},
author={Porter, Theodore M.}, year={1995} }

@article{Povinelli_2011, title={The Woman on the Other Side of the Wall: Archiving the Otherwise in Postcolonial Digital Archives}, volume={22},
DOI={10.1215/10407391-1218274}, number={1}, journal={differences}, author={Povinelli, E. A.}, year={2011}, month={Jan}, pages={146-171} }

@book{Rabinow_1996, address={Princeton, N.J.}, title={Essays on the anthropology of reason}, volume={Princeton studies in culture/power/history}, publisher={Princeton}

University Press}, author={Rabinow, Paul}, year={1996} }

@book{Richardson_Stevens_2015, address={Durham}, title={Postgenomics: perspectives on biology after the genome}, url={http://dx.doi.org/10.1215/9780822375449}, publisher={Duke University Press}, author={Richardson, Sarah S. and Stevens, Hallam}, year={2015} }

@inbook{Riles_2006, address={Ann Arbor}, title={Introduction: in response}, booktitle={Documents: artifacts of modern knowledge}, publisher={University of Michigan Press}, author={Riles, A}, year={2006}, pages={1-38} }

@book{Riles_2000a, address={Ann Arbor}, title={The network inside out: Annelise Riles}, publisher={The University of Michigan Press}, author={Riles, Annelise}, year={2000} }

@book{Riles_2000b, address={Ann Arbor}, title={The network inside out: Annelise Riles}, publisher={The University of Michigan Press}, author={Riles, Annelise}, year={2000} }

@article{Roderick_2014, title={Discipline and Power in the Digital Age: The Case of the US Consumer Data Broker Industry}, volume={40}, DOI={10.1177/0896920513501350}, number={5}, journal={Critical Sociology}, author={Roderick, Leanne}, year={2014}, month={Sep}, pages={729-746} }

@inbook{Rosenberg_2013, address={Cambridge, Massachusetts}, title={Data before the fact}, volume={Infrastructures series}, url={http://ieeexplore.ieee.org/servlet/opac?bknumber=6451327}, booktitle={'Raw data' is an oxymoron}, publisher={The MIT Press}, author={Rosenberg, D}, editor={Gitelman, Lisa}, year={2013} }

@inbook{Ruckenstein_2015, address={Amsterdam}, title={Uncovering Everyday Rhythms and Patterns: Food tracking and new forms of visibility and temporality in health care}, url={http://ebooks.iospress.nl/isbn/978-1-61499-560-9}, booktitle={Techno-anthropology in health informatics: methodologies for improving human-technology relations}, publisher={IOS Press}, author={Ruckenstein, M.}, editor={Botin, Lars and Bertelsen, Pernille and Nohr, Christian}, year={2015}, pages={28-40} }

@article{Ruckenstein_2014a, title={Visualized and Interacted Life: Personal Analytics and Engagements with Data Doubles}, volume={4}, DOI={10.3390/soc4010068}, number={1}, journal={Societies}, author={Ruckenstein, Minna}, year={2014}, month={Feb}, pages={68-84} }

@article{Ruckenstein_2014b, title={Visualized and Interacted Life: Personal Analytics and Engagements with Data Doubles}, volume={4}, DOI={10.3390/soc4010068}, number={1}, journal={Societies}, author={Ruckenstein, Minna}, year={2014}, month={Feb}, pages={68-84} }

@article{Ruckenstein_Schüll_2017, title={The Datafication of Health}, volume={46}, DOI={10.1146/annurev-anthro-102116-041244}, number={1}, journal={Annual Review of Anthropology}, author={Ruckenstein, Minna and Schüll, Natasha Dow}, year={2017}, month={Oct}, pages={261-278} }

@article{Ruppert_2012, title={The Governmental Topologies of Database Devices}, volume={29}, DOI={10.1177/0263276412439428}, number={4-5}, journal={Theory, Culture & Society}, author={Ruppert, E.}, year={2012}, month={Jul}, pages={116-136} }

@article{Ruppert_Law_Savage_2013, title={Reassembling Social Science Methods: The Challenge of Digital Devices}, volume={30}, DOI={10.1177/0263276413484941}, number={4}, journal={Theory, Culture & Society}, author={Ruppert, E. and Law, J. and Savage, M.}, year={2013}, month={Jul}, pages={22-46} }

@article{Ruppert_Savage_2011, title={Transactional politics}, volume={59}, DOI={10.1111/j.1467-954X.2012.02057.x}, journal={The Sociological Review}, author={Ruppert, Evelyn and Savage, Mike}, year={2011}, month={Dec}, pages={73-92} }

@inbook{2016, title={Biosensing: Tracking Persons.}, url={http://ieeexplore.ieee.org.libproxy.ucl.ac.uk/xpl/ebooks/bookPdfWithBanner.jsp?fileName=7580073.pdf&bkn=7580015&pdfType=chapter}, booktitle={Quantified: Biosensing Technologies in Everyday Life}, publisher={MIT Press}, author={S. Day and C. Lury}, year={2016} }

@article{Sabina Leonelli_2015, title={What Counts as Scientific Data? A Relational Framework}, volume={82}, url={http://www.jstor.org/stable/10.1086/684083?seq=1#page_scan_tab_contents}, number={5}, journal={Philosophy of Science}, author={Sabina Leonelli}, year={2015}, pages={810-821} }

@article{Salmond_2013a, title={Transforming translations (part I)}, volume={3}, DOI={10.14318/hau3.3.002}, number={3}, journal={HAU: Journal of Ethnographic Theory}, author={Salmond, Amiria J. M.}, year={2013}, month={Dec} }

@article{Salmond_2013b, title={Transforming translations (part I): 'The owner of these bones'}, volume={3}, DOI={10.14318/hau3.3.002}, number={3}, journal={HAU: Journal of Ethnographic Theory}, author={Salmond, Amiria J. M.}, year={2013}, month={Dec}, pages={1-32} }

@misc{Seaver_2014, title={Studying up: the ethnography of technologists}, url={http://ethnographymatters.net/blog/2014/03/10/studying-up/}, journal={Ethnography Matters}, author={Seaver, N}, year={2014}, month={Mar} }

@article{Seaver_2015a, title={The nice thing about context is that everyone has it}, volume={37}, DOI={10.1177/0163443715594102}, number={7}, journal={Media, Culture & Society}, author={Seaver, Nick}, year={2015}, month={Oct}, pages={1101-1109} }

@article{Seaver_2015b, title={The nice thing about context is that everyone has it}, volume={37}, DOI={10.1177/0163443715594102}, number={7}, journal={Media, Culture & Society}, author={Seaver, Nick}, year={2015}, month={Oct}, pages={1101-1109} }

@article{Seaver_2017, title={Algorithms as culture: Some tactics for the ethnography of algorithmic systems}, volume={4}, DOI={10.1177/2053951717738104}, number={2},

journal={Big Data & Society}, author={Seaver, Nick}, year={2017}, month={Dec} }

@article{Shackley_Wynne_1996, title={Representing Uncertainty in Global Climate Change Science and Policy: Boundary-Ordering Devices and Authority}, volume={21}, DOI={10.1177/016224399602100302}, number={3}, journal={Science, Technology & Human Values}, author={Shackley, S. and Wynne, B.}, year={1996}, month={Jul}, pages={275-302} }

@inbook{Sharma_Gupta_2006, address={Malden, Mass}, title={Sharma, A. and Gupta, A. (2006) Introduction: Re-thinking Theories of the State in an Age of Globalization}, volume={Blackwell readers in anthropology}, booktitle={The anthropology of the state: a reader}, publisher={Blackwell}, author={Sharma, Aradhana and Gupta, Akhil}, year={2006} }

@article{Sharp_2000, title={The Commodification of the Body and its Parts}, volume={29}, DOI={10.1146/annurev.anthro.29.1.287}, number={1}, journal={Annual Review of Anthropology}, author={Sharp, Lesley A.}, year={2000}, month={Oct}, pages={287-328} }

@article{Singer_2015, title={From knowing yourself to prodding yourself}, journal={The New York Times}, publisher={New York Times}, author={Singer, Natasha}, year={2015}, month={Apr} }

@book{Starosielski_2015, address={Durham}, title={The undersea network}, url={http://dx.doi.org/10.1215/9780822376224}, publisher={Duke University Press}, author={Starosielski, Nicole}, year={2015} }

@article{Stefan Helmreich_2011, title={From Spaceship Earth to Google Ocean: Planetary Icons, Indexes, and Infrastructures}, volume={78}, url={http://www.jstor.org.libproxy.ucl.ac.uk/stable/23349849?seq=1#page_scan_tab_contents}, number={4}, journal={Social Research}, publisher={The New School}, author={Stefan Helmreich}, year={2011}, pages={1211-1242} }

@inbook{Steinmetz_1999, address={Ithaca, N.Y.}, title={Mitchell, T. (1999) Society, Economy and the State Effect. In State/Culture: State Formation after the Cultural Turn.}, volume={The Wilder House series in politics, history, and culture}, url={https://ucl.primo.exlibrisgroup.com/view/action/uresolver.do?operation=resolveService&package_service_id=14616198260004761&institutionId=4761&custom erId=4760&VE=true}, booktitle={State/culture: state-formation after the cultural turn}, publisher={Cornell University Press}, author={Steinmetz, George}, year={1999} }

@inbook{Strathern_1987, address={London}, title={The Limits of Auto-anthropology}, volume={A.S.A. monographs}, booktitle={Anthropology at home}, publisher={Tavistock Publications}, author={Strathern, M.}, year={1987}, pages={16-37} }

@inbook{Strathern_2000, address={Oxford}, title={Environments within: An ethnographic commentary on scale}, volume={The Linacre lectures}, booktitle={Culture, landscape, and the environment: the Linacre lectures, 1997}, publisher={Oxford University Press}, author={Strathern, M.}, year={2000}, pages={44-71} }

@inbook{Strathern_2002, address={Durham}, title={On Space and Depth},

volume={Science and cultural theory}, url={<http://dx.doi.org/10.1215/9780822383550>},
booktitle={Complexities: social studies of knowledge practices}, publisher={Duke
University Press}, author={Strathern, M.}, year={2002} }

@book{Strathern_1992a, address={Cambridge}, title={After nature: English kinship in
the late twentieth century}, volume={The Lewis Henry Morgan lectures},
publisher={Cambridge University Press}, author={Strathern, Marilyn}, year={1992} }

@inbook{Strathern_1992b, address={London}, title={Parts and wholes: refiguring
relationships in a post-plural world},
url={<http://www.tandfebooks.com/ISBN/9780203032244>}, booktitle={Conceptualizing
society}, publisher={Routledge}, author={Strathern, Marilyn}, year={1992},
pages={75-106} }

@inbook{Strathern_1999, address={London}, title={Chapter 1}, booktitle={Property,
substance and effect: anthropological essays on persons and things},
publisher={Athlone}, author={Strathern, Marilyn}, year={1999} }

@book{Strathern_2004, address={Walnut Creek, CA}, edition={Updated ed},
title={Partial connections}, publisher={AltaMira Press}, author={Strathern, Marilyn},
year={2004} }

@inbook{Strathern_2005, address={Cambridge}, title={Chapter 5: Losing (out on)
Intellectual Resources}, url={<http://dx.doi.org/10.1017/CBO9780511614514>},
booktitle={Kinship, Law and the Unexpected: Relatives are Always a Surprise},
publisher={Cambridge University Press}, author={Strathern, Marilyn}, year={2005},
pages={111-134} }

@article{Strathern_2012, title={Gifts money cannot buy}, volume={20},
DOI={10.1111/j.1469-8676.2012.00224.x}, number={4}, journal={Social Anthropology},
author={Strathern, Marilyn}, year={2012}, month={Nov}, pages={397-410} }

@book{Strathern_University of Cambridge. Department of Social Anthropology_1995,
address={Cambridge, U.K.}, title={The relation: issues in complexity and scale},
volume={Prickly Pear pamphlet}, publisher={Prickly Pear Press}, author={Strathern,
Marilyn and University of Cambridge. Department of Social Anthropology}, year={1995} }

@article{Striphas_2015, title={Algorithmic culture}, volume={18},
DOI={10.1177/1367549415577392}, number={4-5}, journal={European Journal of
Cultural Studies}, author={Striphas, Ted}, year={2015}, month={Aug},
pages={395-412} }

@article{Thacker_2003, title={What is Biomedica?}, volume={11},
DOI={10.1353/con.2004.0014}, number={1}, journal={Configurations},
author={Thacker, Eugene}, year={2003}, pages={47-79} }

@article{Tollefson_2015, title={Climate-change 'hiatus' disappears with new data},
DOI={10.1038/nature.2015.17700}, journal={Nature}, author={Tollefson, Jeff},
year={2015}, month={Jun} }

@article{Tsing, Anna_2013, title={Sorting out commodities: How capitalist value is made

through gifts}, volume={3},
 url={https://search-proquest-com.libproxy.ucl.ac.uk/docview/1850088542?rfr_id=info%3Axri%2Fsid%3Aprimo}, number={1}, journal={HAU : Journal of Ethnographic Theory},
 author={Tsing, Anna}, year={2013}, pages={21-43} }

@article{Tutton_Prainsack_2011, title={Enterprising or altruistic selves? Making up research subjects in genetics research}, volume={33},
 DOI={10.1111/j.1467-9566.2011.01348.x}, number={7}, journal={Sociology of Health & Illness}, author={Tutton, Richard and Prainsack, Barbara}, year={2011}, month={Nov},
 pages={1081-1095} }

@book{Universitetet i Oslo_2005, address={London}, title={State formation: anthropological perspectives}, volume={Anthropology, culture, and society},
 url={https://www.jstor.org/stable/j.ctt18fs5n7}, publisher={Pluto Press},
 author={Universitetet i Oslo}, editor={Krohn-Hansen, Christian and Nustad, Knut G.},
 year={2005} }

@article{Van Dijck_2000, title={Digital cadavers: the visible human project as anatomical theater}, volume={31}, DOI={10.1016/S1369-8486(99)00020-5}, number={2},
 journal={Studies in History and Philosophy of Science Part C: Studies in History and Philosophy of Biological and Biomedical Sciences}, author={Van Dijck, José},
 year={2000}, month={Jun}, pages={271-285} }

@article{Van Dijck_Poell_2016, title={Understanding the promises and premises of online health platforms}, volume={3}, DOI={10.1177/2053951716654173}, number={1},
 journal={Big Data & Society}, author={Van Dijck, José and Poell, Thomas}, year={2016},
 month={Jan} }

@inbook{Verran_2014, address={Abingdon}, title={Number as Generative Device},
 volume={Culture, economy and the social}, booktitle={Inventive methods: the happening of the social}, publisher={Routledge}, author={Verran, H.}, editor={Lury, Celia and Wakeford, Nina}, year={2014} }

@article{Verran_2009, title={On assemblage}, volume={2},
 DOI={10.1080/17530350903064188}, number={1-2}, journal={Journal of Cultural Economy}, author={Verran, Helen}, year={2009}, month={Jul}, pages={169-182} }

@article{Verran_2011, title={The changing lives of measures and values: from centre stage in the fading 'disciplinary' society to pervasive background instrument in the emergent 'control' society}, volume={59}, DOI={10.1111/j.1467-954X.2012.02059.x},
 journal={The Sociological Review}, author={Verran, Helen}, year={2011},
 month={Dec}, pages={60-72} }

@article{Verran_Christie_Anbins-King_Van Weeren_Yunupingu_2007, title={Designing digital knowledge management tools with Aboriginal Australians}, volume={18},
 DOI={10.1080/14626260701531944}, number={3}, journal={Digital Creativity},
 author={Verran, Helen and Christie, Michael and Anbins-King, Bryce and Van Weeren, Trevor and Yunupingu, Wulumdhuna}, year={2007}, month={Jul}, pages={129-142} }

@article{Vertesi_2014, title={My Experiment Opting Out of Big Data Made Me Look Like a Criminal.},
 url={http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,shib&db=bth&AN=95911990&site=ehost-live&scope=site}, journal={Time.com},

author={Vertesi, Janet}, year={2014}, pages={1-1} }

@article{Vonderau_2018, title={Scaling the Cloud: Making State and Infrastructure in Sweden}, volume={84}, DOI={10.1080/00141844.2018.1471513}, number={4}, journal={Ethnos}, author={Vonderau, Asta}, year={2018}, month={May}, pages={698-712} }

@inbook{Weiner_1992a, address={Berkeley}, title={Inalienable possessions: The forgotten dimension}, url={https://contentstore.cla.co.uk/secure/link?id=c630b45e-7ffb-e711-80cd-005056af4099}, booktitle={Inalienable possessions: the paradox of keeping-while-giving}, publisher={University of California Press}, author={Weiner, A. B.}, year={1992}, pages={23-43} }

@inbook{Weiner_1992b, address={Berkeley}, title={Reconfiguring Exchange Theory: The Maori Hau}, booktitle={Inalienable possessions: the paradox of keeping-while-giving}, publisher={University of California Press}, author={Weiner, A. B.}, year={1992} }

@article{Wendy F. Hsu_2016, title={Hsu, W.F (2016) A Performative Digital Ethnography. In 'The Routledge Companion to Digital Ethnography' eds. Hjorth, Horst, Galloway, Bell. Routledge}, url={https://www-routledgehandbooks-com.libproxy.ucl.ac.uk/doi/10.4324/9781315673974.ch4}, DOI={10.4324/9781315673974.ch4}, author={Wendy F. Hsu}, year={2016} }

@article{Whittington_2016, title={Carbon as a Metric of the Human}, volume={39}, DOI={10.1111/plar.12130}, number={1}, journal={PoLAR: Political and Legal Anthropology Review}, author={Whittington, Jerome}, year={2016}, month={May}, pages={46-63} }

@inbook{Rubio_Baert_2012, address={London}, title={Leach, J. (2012) 'Step inside: knowledge freely available': The politics of (making) knowledge-objects'.}, url={https://www.taylorfrancis.com/books/9781134004386}, booktitle={The politics of knowledge}, publisher={Routledge}, year={2012} }

@inbook{Boellstorff_Maurer_2015a, address={Chicago}, title={Seaver, N. (2015) Bastard Algebra}, volume={Paradigm}, booktitle={Data, now bigger and better!}, publisher={Prickly Paradigm Press}, year={2015} }

@inbook{Boellstorff_Maurer_2015b, address={Chicago}, title={Boellstorff, T. (2015) Making Big Data.}, volume={Paradigm}, booktitle={Data, now bigger and better!}, publisher={Prickly Paradigm Press}, year={2015} }

@article{To the Cloud: Big Data in a Turbulent World_2015, volume={44}, DOI={10.1177/0094306115579192c}, number={3}, journal={Contemporary Sociology: A Journal of Reviews}, year={2015}, month={May}, pages={436-437} }

@misc{Immersion - Taylor C. Nelms - Medium, url={https://medium.com/@tnelms/immersion-4c103c0fcac5} }

@misc{The Anxieties of Big Data - The New Inquiry, url={https://thenewinquiry.com/the-anxieties-of-big-data/} }

@misc{Microsoft Project Natick: Is it really a good idea to dump data centres at the bottom of the sea? | WIRED UK,
url={ <https://www.wired.co.uk/article/microsoft-data-centre-orkney-sinks-project-natick>} }

@article{Dourish, P. (2014) No SQL: The Shifting Materialities of Databases. Computational Culture: a Journal of Software Studies. Issue 4.,
url={ <http://computationalculture.net/article/no-sql-the-shifting-materialities-of-database-technology>} }

@misc{What's Not Included in Facebook's 'Download Your Data' | WIRED,
url={ <https://www.wired.com/story/whats-not-included-in-facebooks-download-your-data/>} }

@misc{We May Own Our Data, But Facebook Has a Duty to Protect It | The New Yorker,
url={ <https://www.newyorker.com/tech/elements/we-may-own-our-data-but-facebook-has-a-duty-to-protect-it>} }

@misc{Paul Taylor · Whose Property?: Big Medical Data · LRB 8 February 2018,
url={ <https://www.lrb.co.uk/v40/n03/paul-taylor/whose-property>} }

@misc{Rogue Scientists Race to Save Climate Data from Trump | WIRED,
url={ <https://www.wired.com/2017/01/rogue-scientists-race-save-climate-data-trump/>} }

@misc{There's life in the old Pause yet | Watts Up With That?,
url={ <https://wattsupwiththat.com/2015/10/08/theres-life-in-the-old-pause-yet/>} }

@misc{The Postgenomic Condition: Ethics, Justice, and Knowledge after the Genome, Reardon,
url={ <https://www.press.uchicago.edu/ucp/books/book/chicago/P/bo22726485.html>} }

@misc{23andMe Is Terrifying, but Not for the Reasons the FDA Thinks - Scientific American,
url={ <https://www.scientificamerican.com/article/23andme-is-terrifying-but-not-for-the-reasons-the-fda-thinks/>} }

@misc{With genetic testing, I gave my parents the gift of divorce - Vox,
url={ <http://www.vox.com/2014/9/9/5975653/with-genetic-testing-i-gave-my-parents-the-gift-of-divorce-23andme>} }

@misc{Take an online DNA test and you could be revealing far more than you realise | University of Oxford,
url={ <http://www.ox.ac.uk/research/take-online-dna-test-and-you-could-be-revealing-far-more-you-realise>} }

@misc{Report: Police Forced a DNA Testing Company to Share a Customer's Identity in the Golden State Killer Case,
url={ <https://gizmodo.com/report-police-forced-a-dna-testing-company-to-share-a-1825687924>} }

@misc{Bioinformation - Parry and Greenhough,
url={ <http://politybooks.com/author-books/?authid=Beth%20Greenhough>} }

@misc{After Kinship by Janet Carsten,
url={ <https://www-cambridge-org.libproxy.ucl.ac.uk/core/books/after-kinship/BF660970EC79E6A4847E76A38CBE1DB9> } }

@misc{This one does not go up to 11 - Nafus and Sherman,
url={ <http://ijoc.org/index.php/ijoc/article/viewFile/2170/1157> } }

@misc{Greenfield, D. (2016) Deep Data: Notes on the n of 1. In 'Quantified: biosensing technologies in everyday life' ed. Dawn Nafus. MIT Press,
url={ <http://ieeexplore.ieee.org.libproxy.ucl.ac.uk/xpl/ebooks/bookPdfWithBanner.jsp?fileName=7580296.pdf&bkn=7580015&pdfType=chapter> } }

@misc{The frightening promise of self-tracking pills - The Verge,
url={ <https://www.theverge.com/2015/10/7/9466121/proteus-digital-pill-tracking-privacy-quantified-self> } }

@misc{The Healing Power of Your Own Medical Records - The New York Times,
url={ http://www.nytimes.com/2015/04/01/technology/the-healing-power-of-your-own-medical-data.html?_r=0 } }

@misc{Hippocratic Hacking | Platypus,
url={ <http://blog.castac.org/2016/10/hippocratic-hacking/> } }

@article{Lupton, D. 2016 You are Your Data: Self-tracking Practices and Concepts of Data.
}

@misc{Hippocratic Hacking | Platypus,
url={ <http://blog.castac.org/2016/10/hippocratic-hacking/> } }

@misc{The Healing Power of Your Own Medical Records - The New York Times,
url={ http://www.nytimes.com/2015/04/01/technology/the-healing-power-of-your-own-medical-data.html?_r=0 } }

@misc{A pioneer in predictive policing is starting a troubling new project - The Verge,
url={ <https://www.theverge.com/2018/4/26/17285058/predictive-policing-predpol-pentagon-ai-racial-bias> } }

@misc{The World of Indicators edited by Richard Rottenburg,
url={ <https://www-cambridge-org.libproxy.ucl.ac.uk/core/books/world-of-indicators/C7903E69E0329A256EF02C3CB5C918ED> } }

@article{Yuval Noah Harari on big data, Google and the end of free will,
url={ <https://www.ft.com/content/50bb4830-6a4c-11e6-ae5b-a7cc5dd5a28c> },
journal={ Financial Times } }

@misc{Captivating Algorithms: recommender systems as traps,
url={ <https://static1.squarespace.com/static/55eb004ee4b0518639d59d9b/t/5b707506352f5356c8d6e7d2/1534096646595/seaver-captivating-algorithms.pdf> } }

@article{Abramson, Allen. (2016) What in/is the world in/of Big Data? Theorizing the Contemporary, Cultural Anthropology,
url={ <https://culanth.org/fieldsights/833-what-in-is-the-world-is-of-big-data> } }

@misc{Why Big Data Needs Thick Data – Ethnography Matters – Medium,
url={ <https://medium.com/ethnography-matters/why-big-data-needs-thick-data-b4b3e75e3d7> } }

@misc{» Abildegaard et al (2017) Five recent play dates - EASST,
url={ <https://easst.net/article/five-recent-play-dates/> } }

@misc{Publications | Sciences Po | MedialabSciences Po | Medialab,
url={ <http://www.medialab.sciences-po.fr/publication/> } }

@misc{Strathern, M. Abstraction and Decontextualisation; an anthropological comment,
url={ <http://virtualsociety.sbs.ox.ac.uk/GRpapers/strathern.htm> } }