# Bibliography

## Literature

Acland, C.R. (2012). Swift Viewing: The Popular Life of Subliminal Influence. Durham & London: Duke University Press.

Anderson, N. (2009, January 1). “2006 AOL search data snafu spawns ‘I Love Alaska’ short films”. ArsTechnica. Retrieved from <https://arstechnica.com/information-technology/2009/01/aol-search-data-spawns-i-love-alaska-short-films/>

Angwin, J., Larson, J., Mattu, S., & Kirchner, L. (2016, May). “Machine Bias”. ProPublica. Retrieved from [https://www.propublica.org/article/machine-bias-risk-assessments-in-criminal-sentencing](https://www.propublica.org/article/machine-bias-risk-assessments-in-crim)

Ashby, R. (1956). Introduction to Cybernetics. London: University Paperbacks.

Autogena, L. & Portway, J. (2011). “The Planetarium”. Black Shoals. Retrieved from <http://www.blackshoals.net/the-project-1/>

Bal, M. (2002). Travelling Concepts in the Humanities. A Rough Guide. Toronto: University of Toronto Press.

Baldwin, J. (1956, Fall). “Faulkner and Desegregation”. Partisan Review 23(4). New York, NY: Foundation for Cultural Projects.

Beabout, G. R. (1988). Kierkegaard on Anxiety and Despair: An analysis of The Concept of Anxiety and The Sickness Unto Death. Ph.D. Thesis. Ann Arbor: Marquette University. Retrieved from <https://philpapers.org/rec/BEAKOA>

Becker, K. & Stadler, F. (2010). Deep Search: The Politics of Search beyond Google. Vienna: Studien Verlag.

Beer, D. (2009). “Power through the algorithm? Participatory web cultures and the technological unconscious”. New Media & Society, 11(6), 985–1002. https://doi.org/10.1177/1461444809336551

Beer, D. (2017). “The Social Power of Algorithms”. Information, Communication & Society, 1(20), 1-13. <https://doi.org/10.1080/1369118X.2016.1216147>

Benjamin, W. (1999). “Unpacking My Library”. In Arendt, H. (Ed.). Illuminations. London: Pimlico.

Benjamin, W. (2002). The Arcades Project. (Howard, E. & McLaughlin, K. Trans.). Cambridge: Harvard University Press.

Benjamin, W. (2003). “On the Concept of History”. In Benjamin, W. Selected Writings: Volume 4, 1938-1940. Cambridge: The Belknap Press of Harvard University Press.

Benjaminsen, E. (2017). “Where Money Is Made: Surfaces of Algorithmic Capital”. Eline Benjaminsen. Retrieved from <http://www.elinebenjaminsen.com/>

Berg, O. (2014). Making Money: The Philosophy of Crisis Capitalism. London: Verso.

Bier, J. & Schinkel, W. (2016). “Building Better Ecological Machines: Complexity Theory and Alternative Economic Models”. Engaging Science, Technology, and Society (2), 266-293. DOI:10.17351/ests2016.072

Birchall, C. (2011). “Introduction to ‘Secrecy and Transparency’: The Politics of Opacity and Openness”. Theory, Culture & Society, 28(7–8), 7–25. <https://doi.org/10.1177/0263276411427744>

Blas, Z. (2014). “Informatic Opacity”. The Journal of Aesthetics & Protest. Issue 9. Retrieved from http://www.joaap.org/issue9/zachblas.html

Blas, Z. (2016). “Informatic Opacity”. In Brusadin, B., Mattes, E. & F., Quaranta, D. (Eds.). The Black Chamber: Surveillance, Paranoia, Invisibility & the Internet. Brescia: Link Editions & Ljubljana: Aksioma.

Boever de, A. (2018). Finance Fictions. Realism and Psychosis in a Time of Economic Crisis. New York, NY: Fordham University Press.

Bogost, I. (2015, January 15). “The Cathedral of Computation: We’re not Living in an Algorithmic Culture so much as a Computational Theocracy”. The Atlantic. Retrieved from [https://www.theatlantic.com/technology/archive/2015/01/the-cathedral-of-computation/384300/](https://www.theatlantic.com/technology/archive/2015/01/the-cathedral-of-computa)

Borra, E. & König, R. (2013). The Filter Bubble Show, Society of the Query, Amsterdam, September 2013. Retrieved from [https://vimeo.com/networkcultures](https://vimeo.co)

Bowker, G.C. & S.L. Star. (1999). Sorting Things Out. Classification and its Consequences. Cambridge, MA: The MIT Press.

boyd, D., & Crawford, K. (2012). “Critical Questions for Big Data: Provocations for a Cultural, Technological, and Scholarly Phenomenon”. Information, Communication, & Society, 15 (5), 662-679

Braquenier, P. (2012). Palimpsest. Philippe Braquenier. Retrieved from <https://philippebraquenier.com/palimpsest>

Browne, S. (2010) “Digital Epidermalization: Race, Identity and Biometrics”. Critical Sociology 36(1).

Buchanan, M. (2015, February 11). “Physics in Finance: Trading at the Speed of Light”. Nature. Retrieved from <https://www.nature.com/news/physics-in-finance-trading-at-the-speed-of-light-1.16872>

Bucher, T. (2018). If...Then: Algorithmic Power and Politics. Oxford: Oxford University Press.

Burrell, J. (2016). “How the machine ‘thinks’: Understanding opacity in machine learning algorithms”. Big Data & Society. <https://doi.org/10.1177/2053951715622512>

Bush, L. (2016). “The Market: An Interview with Mark Curran”. Disphotic. Retrieved from [http://www.disphotic.com/market-interview-mark-curran/](http://www.disphoti)

Butler, J. (1999). Gender Trouble: Feminism and the Subversion of Identity. New York: Routledge.

Butler, J. (2004). Precarious Life. The Powers of Mourning and Violence. London: Verso.

Butler, J. (2005). Giving an Account of Oneself. New York, NY: Fordham University Press.

Butler, J. (2015). Senses of the Subject. New York, NY: Fordham University Press.

Caillois, R., & Shepley, J. (1984). “Mimicry and Legendary Psychasthenia”. October, Vol. 31 (Winter, 1984), 16–32. Retrieved from https://www.jstor.org/stable/778354.

Cake, A.D.C. (2010). “Thinking the Unknown: Kierkegaard’s Climacus and the Absolute Paradox of Understanding”. Analecta Hermeneutica, 2. Retrieved from <https://journals.library.mun.ca/ojs/index.php/analecta/article/view/162/105>

Campanelli, V. (2014). “Frictionless Sharing: The Rise of Automatic Criticism”. In König, R. & Rasch, M. (Eds.). Society of the Query Reader: Re\_flections on Web Search. Amsterdam: Institute of Network Cultures.

Cave, S. (2017). “Intelligence: A History”. Aeon. Retrieved from <https://aeon.co/essays/on-the-dark-history-of-intelligence-as-domination>

Cheney-Lippold, J. (2017). We Are Data: Algorithms and the Making of Our Digital Selves. New York, NY: New York University Press.

Chesney, R. & Citron, D. (2018, December 11). “Deepfakes and the New Disinformation War: The Coming of Age of Post-Truth Geopolitics”. Foreign Affairs. Retrieved from <https://www.foreignaffairs.com/articles/world/2018-12-11/deepfakes-and-new-disinformation-war>

Chun, W. H. K. (2006). Control and Freedom. Power and Paranoia in the Age of Fiber Optics. Cambridge, MA: The MIT Press.

Colomina, B. (1991/1992) “Domesticity at war”. Discourse, 14(1), 3–22. Retrieved from http://www.jstor.org/stable/41389198

Cooper, M. (2010). “Turbulent Worlds”. Theory, Culture & Society, 27 (2-3), 67-190.

Couldry, N. (2012) Media, Society, World: Social Theory and Digital Media Practice. Cambridge: Polity Press.

Counter Map Collection (2019, May). The Deleted City. Counter Map Collection. http://countermapcollection.org/collection/deleted-city/

Cox, J. (2014, 14 September) “The rise of the anti-facial recognition movement”. The Kernel. Retrieved from [http://kernelmag.dailydot.com/issue-sections/features-issue-sections/10247/anti-facial-recognition-movement/](http://kernelmag.dailyd)

Crawford, K., Jessa, L., Karppi, T. (2015). “Our Metrics, Ourselves. A Hundred Years of Self-Tracking from the Weight Scale to the Wrist Wearable Device”. European Journal of Cultural Studies, 18 (4-5), 479-496.

Crawley, A. T. (2017). Blackpentecostal Breath: the Aesthetics of Possibility. New York, NY: Fordham University Press.

Crispin, S. (2013). “Data-masks”. Retrieved: http://www.sterlingcrispin.com/data-masks.html.

Crispin, S. (2014). Data-masks biometric surveillance masks evolving in the gaze of the technological other. MA Thesis. Retrieved from: http://www.sterlingcrispin.com/Sterling\_Crispin\_Datamasks\_MS\_Thesis.pdf.

Crosthwaite, P. (2014, November 7). “Meet the Curator: ‘Show Me the Money: The Image of Finance 1700 to the Present’”. BAAS. Retrieved from http://www.baas.ac.uk/usso/meet-the-curator-show-me-the-money-the-imageof-finance-1700-to-the-present/comment-page-1/.

Crosthwaite, P., Knight, P., Marsh, N. (Eds.). (2014). Show Me the Money: The Image of Finance, 1700 to the Present. Manchester: Manchester University Press.

Curran, M. (2010). “The Market”. The Market Blog. Retrieved from <https://themarket.blog/2012/01/09/the-market-a-working-title/>

Daston, L. & Park, K. (1998). Wonders and the Order of Nature: 1150 - 1750. New York, NY: Zone Books.

de Vries, P. (2018). Black Transparency in the Era of Post-Truth. Krisis, Issue 1. Retrieved from <https://krisis.eu/black-transparency-in-the-era-of-post-truth/>

de Vries, P., & Schinkel, W. (2019). Algorithmic anxiety: Masks and camouflage in artistic imaginaries of facial recognition algorithms. Big Data & Society. <https://doi.org/10.1177/2053951719851532>

Deleuze, G. (2003). Francis Bacon: The Logic of Sensation. London & New York: Continuum.

Deleuze, G. (1992). “Postscript on the Societies of Control”. October, 59, 3-7.

Deleuze, G. & Guattari, F. (1987). A Thousand Plateaus: Capitalism and Schizophrenia. Minneapolis: University of Minnesota Press.

Derrida, J. (1992). “Force of Law: The Mystical Foundation of Authority”. In Cornell, D., Rosenfeld, M., & Carlson, D. G. (Eds.). Deconstruction and the possibility of Justice. New York, NY: Routledge.

Derrida, J. (2006). “Archive Fever”. In Merewether, C. (Ed.) The Archive: Documents of Contemporary Art. London: Whitechapel.

Diakopolous, N. (2014). “Algorithmic Accountability Reporting: On the Investigation of Black Boxes”. New York, NY: Columbia Journalism School, Tow Center for Digital Journalism.

Domingos, P. (2015). The Master Algorithm. How the Quest for the Ultimate Learning Machine will Remake Our World. New York: Basic Books.

Doringer, B. & Felderer, B. (Eds.). (2018). Faceless: Re-inventing Privacy Through Subversive Media Strategies. Berlin: De Gruyter.

Douglas, M. (1966) Purity and Danger: An Analysis of Concepts of Pollution and Taboo. Abingdon-on-Thames: Routledge.

Dourish, P. (2016). “Algorithms and their others: Algorithmic culture in context”. Big Data & Society. <https://doi.org/10.1177/2053951716665128>

Dutton, W. H. and Reisdorf, B and Dubois, E. and Blank, G. (2017). “Search and Politics: The Uses and Impacts of Search in Britain, France, Germany, Italy, Poland, Spain, and the United States”. SSRN. Retrieved from: <http://dx.doi.org/10.2139/ssrn.2960697>

Epstein, R. & Robertson, R. E. (2015). “The search engine manipulation effect (SEME) and its possible impact on the outcomes of elections”. PNAS, 112 (33), Retrieved from <https://doi.org/10.1073/pnas.1419828112>

Epstein, R. (2019, July 15). “To Break Google’s Monopoly on Search, Make its Index Public”. Bloomberg Businessweek. Retrieved from <https://www.bloomberg.com/news/articles/2019-07-15/to-break-google-s-monopoly-on-search-make-its-index-public>

Evans, C. S. (2009). Kierkegaard: An Introduction. Cambridge: Cambridge University Press.

Felski, R. (2015). The Limits of Critique. Chicago: The University of Chicago Press.

Fenster, M. (2015). “Transparency in Search of a Theory”. European Journal of Social Theory, 18.(2), 150-167.

Fisher, M. (2016). The Weird and the Eerie. London: Watkins Media.

Foucault, M. (1999). Aesthetics, Methods and Epistemology: Essential Works

by Michel Foucault 1954-1984 Vol. 2. (Rabinov, P. Ed.). London: New Press.

Foucault, M. (1984). “Nietzsche, Genealogy, History”. In P. Rabinow (Ed.) The Foucault Reader. New York: Pantheon.

Fox, D. (2018) “Concerning Technology”. Review 31. Retrieved from [http://review31.co.uk/essay/view/61/concerning-technology](http://r)

Franke, A., Hankey, S., & Tuszynski, M. (Eds). (2016) Nervous Systems: Quantified Life and the Social Question. Leipzig: Specter Books.

Fuchs, C. (2012). “Google Capitalism”. TripleC - Cognition, Communication, Co-operation, 10 (1), 42-48.

Galloway, A. (2004). Protocol. How Control Exists After Decentralization. Cambridge, MA: The MIT Press.

Galloway, A. (2006). Gaming: Essays on Algorithmic Culture. Minnesota: Minnesota University Press.

Galloway, A. (2008). “Black Box Black Bloc”. In A. Kroker & M. Kroker (Eds.), Critical Digital Studies: A Reader. Toronto, CA: University of Toronto Press.

Gehl, R.W. (2014). Reverse Engineering Social Media: Software, Culture, and Political Economy in New Media Capitalism. Philadelphia: Temple University Press.

Gillespie, T. (2014). “The Relevance of Algorithms”. In: T. Gillespie, Boczkowski P.J. and Foot, A.K (Eds). Media Technologies: Essays on Communication, Materiality, and Society. Cambridge: the MIT Press. Retrieved from [http://www.tarletongillespie.org/essays/Gillespie%20-%20The%20Relevance%20of%20Algorithms.pdf](http://www.tarletongillespie.org/essays/Gillespie)

Gillespie, T. (2016). “Algorithm”. In Peters, B. (Ed.). Digital Keywords: A Vocabulary of Information Society and Culture. Princeton: Princeton University Press.

Glissant, E. (2010). Poetics of Relations. Ann Arbor: The University of Michigan Press.

Goffman, E. (1967). Interaction Ritual. Essays on Face-to-Face Behavior. Harmondsworth: Penguin.

Goffman, W. (1974). Frame Analysis. An Essay on the Organization of Experience. Boston, MA: Northeastern University Press.

Google Search (2019). “How Search Works: Our Mission.” Retrieved from <https://www.google.com/search/howsearchworks/mission/>

Green, G. & Hopfengärtner, B. (2013). 75000 Futures. Studio The GreenEyl. Retrieved from <http://www.thegreeneyl.com/75000-futures>

Grøn, A. (2008). The Concept of Anxiety in Søren Kierkegaard. Macon, Georgia: Mercer University Press.

Halberstam, J. (2011). The Queer Art of Failure. Durham & London: Duke University Press.

Halberstam, J. (2013). “The Wild Beyond: With and for the Undercommons”. In Harney, S. & Moten, F. The Undercommons. Fugitive Planning & Black Study. New York: Minor Compositions.

Halpern, O. (2014). Beautiful Data. A History of Vision And Reason since 1945. London: Duke Press.

Han, B.C. (2012). The Transparency Society. Redwood City: Stanford University Press.

Hansen, M.B.N. (2015). Feed-Forward: On the Future of Twenty-First-Century Media. Chicago: University of Chicago Press.

Hansen, M.N.B. (2003). “Affect as medium, or the ‘digital facial image.’” Journal of Visual Culture, 2(2), 205–228.

Harbers, H. (2005). Inside the Politics of Technology: Agency and Normativity in the Co-Production of Technology and Society. Amsterdam: Amsterdam University Press.

Harney, S. & Moten, F. (2013). The Undercommons. Fugitive Planning & Black Study. New York: Minor Compositions.

Harraway, D. J.(2016) Staying with the Trouble: Making Kin in the Chthulucene. Durham & London: Duke University Press.

Harvey, A. (2014). “How to hide from surveillance”. BBC. Available at: https://www.bbc.com/news/av/technology-25914731/how-to-hide-from-surveillance.

Harvey, A. (2013). “Face to Anti-Face”. New York Times Sunday Review. Retrieved from: http://www.nytimes.com/interactive/2013/12/14/opinion/sunday/20121215\_ANTIFACE\_OPART.html.

Henrot, C. (2014). “Table Ronde: Le Musee des Choses: Autour de ‘Grosse Fatigue,’” l'Amphithéâtre d’Honneur de l’École Nationale Supérieure des Beaux-Arts, Paris, France, 12 February 2014. Retrieved from <https://vimeo.com/88138929>

Henrot, C. (2016). Elephant Child. (Meister, C., Connor, M., Bromberg, J., Scepanski, K., Eds.) New York, NY: Inventory Press & London: Koenig Books.

Hoffmann, A.L. (2019). “Where fairness fails: data, algorithms, and the limits of antidiscrimination discourse”. Information, Communication & Society, 22(7), 900-915. <https://doi.org/10.1080/1369118X.2019.1573912>

Hui, Y. (2015). “Algorithmic Catastrophe—The Revenge of Contingency”. Parrhesia, (23), 122-143.

Ingold, T. (2000). The Perception of the Environment. Essays on Livelihood, Dwelling and Skill. London: Routledge.

Isin, E. F. (2002). Being Political. Genealogies of Citizenship. Minneapolis: University of Minnesota Press.

Jarrett, K. (2014). “A Database of Intention”. In König, R. and Rasch, M. (Eds.). Society of the Query Reader: Reflections on Web Search. Amsterdam: Institute of Network Cultures,

Jhaver S, Karpfen, Y., & Antin, J. (2018). “Algorithmic anxiety and coping strategies of Airbnb hosts”. CHI. https://doi.org/10.1145/3173574.3173995.

Jiang, M. (2013). “The Business and Politics of Search Engines: A Comparative Study of Baidu’s and Google’s Search Results of Internet Events in China”. New Media & Society. [https://doi.org/10.1177/1461444813481196](https://doi.org/10.1177/1461)

Jobin, A. & Glassey, O. (2014). “‘I Am not a Web Search Result! I Am a Free Word’: The Categorization and Commodification of ‘Switzerland’ by Google”. In König, R. & Rasch, M. (Eds.). Society of the Query Reader: Reflections on Web Search. Amsterdam: Institute of Network Cultures.

Jonsson, S. (2013). Crowds and Democracy: The Idea and Image of the Masses from Revolution to Fascism. New York, NY: Columbia University Press.

Jordan, T. (2015). Information Politics: Liberation and Exploitation in the Digital Society. London: Pluto Press

Kal, V. (1999). Levinas en Rozenzweig. Zoetermeer: Uitgeverij Meinema.

Karp, P. (2018, May 29) “Facial matching system risks racial bias, Human Rights Law Centre warns”. The Guardian. Retrieved from, <https://www.theguardian.com/technology/2018/may/30/facial-matching-system-is-racist-human-rights-law-centre-warns>

Kierkegaard, S. ([1844] 2014). The Concept of Anxiety. A Simple Psychologically Oriented Deliberation in View of The Dogmatic Problem of Hereditary Sin. (A. Hannay, Trans. & Ed.). New York, NY: Liveright Publishing Company.

Kierkegaard, S. ([1843] 2004). Either/Or. A Fragment of Life. (A. Hannay, Trans. & Eremita, V. Ed.). New York: Penguin Books.

Kierkegaard, S. ([1846] 1992). Concluding Unscientific Postscript to Philosophical Fragments. Volume 1. (Hong H.V. & Hong, E.H., Trans & Eds.). Princeton, NJ: Princeton University Press.

Kierkegaard, S. ([1841] 1989). The Concept of Irony With Continual Reference to Socrates. (Hong H.V. & Hong, E.H., Trans & Eds.). Princeton, NJ: Princeton University Press.

Kierkegaard, S. ([1844] 1985). Philosophical Fragments. (Hong H.V. & Hong, E.H., Trans & Eds.). Princeton, NJ: Princeton University Press.

Kierkegaard, S. ([1849] 1983). The Sickness unto Death. A Christian Psychological Exposition for Upbuilding and Awakening. (Hong H.V. & Hong, E.H., Trans & Eds.). Princeton, NJ: Princeton University Press.

Kierkegaard, S. ([1843] 1983). Fear and Trembling/Repetition. (Hong H.V. & Hong, E.H., Trans & Eds.). Princeton, NJ: Princeton University Press.

Kierkegaard, S. ([1846] 2010). The Present Age. On the Death of Rebellion. (A. Dru, Trans.). New York & London: Harper Perennial.

Kierkegaard, S. ([1849-50] 2013). Journals and Notebooks, Volume 6, Journals NB11 - NB14. (Cappelørn, N.J., Hannay, A., Kangas, D., Kirmmse, B.H., Pattison, G., Rasmussen, J.D.S., Rumble, V. & K.B. Söderquist, Eds.). Princeton: Princeton University Press.

Kinzer, S. (2019). Poisoner in Chief: Sidney Gottlieb and the CIA Search for Mind Control. New York, NY: Henry Holt & Company.

Kirmmse, B. H. (2018). “Introduction: Letting Nature Point beyond Nature”. In: Kierkegaard, S. The Lily of the Field and the Bird of the Air: Three Godly Discourses. Princeton, NJ: Princeton University Press.

Kitchin, R. (2016). “Thinking critically about and researching algorithms”. Information, Communication & Society, Issue 1, <https://doi.org/10.1080/1369118X.2016.1154087>

Knight, S., & Mercer, N. (2015). “The role of exploratory talk in classroom search engine tasks”. Technology, Pedagogy and Education, 24 (3), 309-319. <https://doi.org/10.1080/1475939X.2014.931884>

Kolbert, E. (2017, August 21). “Who Owns the Internet?” The New Yorker. Retrieved from <https://www.newyorker.com/magazine/2017/08/28/who-owns-the-internet>

Kraemer, F., Overveld van, K., & Peterson, M. (2011). “Is there an ethics of algorithms?” Ethics and Information Technology, 13 (3), 251-260.

Kwa, C. (2009). De ontdekking van het weten. De andere geschiedenis van de wetenschap. Amsterdam: Boom Uitgevers Amsterdam.

Latour, B. (1999). Pandora’s Hope. Cambridge: Harvard University Press.

Leach, N. (2006). Camouflage. Cambridge, MA: MIT Press.

Lenglet, M. (2011). “Conflicting Codes and Codings: How Algorithmic Trading Is Reshaping Financial Regulation”. Theory, Culture & Society, 28(6), 44–66. <https://doi.org/10.1177/0263276411417444>

Lessig, L. (2009, October 9). “Against Transparency”. The New Republic. Retrieved from <https://newrepublic.com/article/70097/against-transparency>

Levinas, E. (1969). Totality and Infinity. An Essay on Exteriority. Pittsburgh, PA: Duquesne University Press.

Levy, S. (1984). “A Spreadsheet Way of Knowledge”. Wired. Retrieved from [https://www.wired.com/2014/10/a-spreadsheet-way-of-knowledge/](https://www.wired.com/2014/10/a-spreadsheet-way-of-knowle)

Lewandowski, D. (2014). “Why We Need an Independent Index of the Web”. In König, R. & Rasch, M. (Eds.). Society of the Query Reader: Reflections on Web Search. Amsterdam: Institute of Network Cultures.

Lorde, A. (1984). Sister Outsider. Essays and Speeches by Audre Lorde. Berkely: Crossing Press.

MacCormick, J. (2011). 9 Algorithms that Changed the Future. Princeton, NJ: Princeton University Press.

MacKenzie, A. (2006). Cutting Code: Software and Sociality. New York: Peter Lang.

MacKenzie, A. (2015). “The Production of Prediction: What does Machine Learning want?” European Journal of Cultural Studies, 18(4-5), 429-445.

MacKenzie, D. (2006). An Engine Not A Camera: How Financial Models Shape Markets. Cambridge: The MIT Press.

MacKenzie, D. (2019). “Just How Fast?” London Review of Books. Retrieved from <https://www.lrb.co.uk/v41/n05/donald-mackenzie/just-how-fast>

Mager, A. (2012). “Algorithmic ideology: How Capitalist Society Shapes Search Engines”. Information, Communication & Society, 15(5), 769-787.

Marsh, N. (2015). “Post-Capitalism. Rethinking Crisis, Culture and Politics”, Show me the Money: AHRC Panel. [video]. November 6, 2015, Leeds Beckett University, Leeds, UK. Retrieved from <https://www.youtube.com/watch?v=U9KtVGOiHos>

Marx, K. (1993). The Grundrisse: Foundations of the Critique of Political Economy. London: Penguin Books.

Marx, K. and Engels, F. (1848). “Manifesto of the Communist Party”. In Marx/Engels Selected Works, Vol. 1. (1969) Moscow: Progress Publishers, pp. 98-137. Retrieved from [https://www.marxists.org/archive/marx/works/download/pdf/Manifesto.pdf](https://www.marxists.org/archive/m)

McLuhan, M. (2003). Understanding Media: The Extensions of Man. (W. Terrence Gordon Ed.). Berkeley: Gingko Press.

McPherson, T. (2000). “Why Are the Digital Humanities So White? or Thinking the Histories of Race and Computation”. In M. K. Gold (Ed.). Debates in the Digital Humanities. University of Minnesota Press.

Megumi, S. (1999). “Mask and shadow in Japanese culture: Implicit ontology of Japanese thought”. In Marra, M. (Ed.). Modern Japanese Aesthetics: A Reader. Honolulu: University of Hawai‘I Press, pp. 242–251.

Mejias, U.A. (2013). Off the Network: Disrupting the Digital World. Minnesota:

Minnesota University Press.

Milan, S. (2015).” #hackeverything: Everyday Life and Politics in the Computational Theocracy”. In Gevers, I.(Ed.). Hacking Habitat: Art of Control. Arts Technology and Social Change. Rotterdam: NAI010 Publishers.

Miller, C.H. (2015). “When Algorithms Discriminate”. New York Times. Retrieved from <https://www.nytimes.com/2015/07/10/upshot/when-algorithms-discriminate.html>

Morris, A. (2012). “Whoever, Whatever: On Anonymity as Resistance to Empire”. Parallax, 18 (4), 106-120. DOI:10.1080/13534645.2012.714560

Mukherjee, S. (2018, January 1). “My Father’s Body, At Rest and In Motion”. The New Yorker. Retrieved from [https://www.newyorker.com/magazine/2018/01/08/my-fathers-body-at-rest-and-in-motion](https://www.newyorker.com/magazine/2018/01/08/my-fathers-bod)

Murgia, M. (2019, June 6). “Microsoft Quietly Deletes Largest Public Face Recognition Data Set”. The Financial Times. Retrieved from <https://www.ft.com/content/7d3e0d6a-87a0-11e9-a028-86cea8523dc2>

Nakamura, L. (2009) “The Socioalgorithmics of Race: Sorting It Out in Jihad Worlds”. The New Media of Surveillance (Eds.). Kelly Gates and Shoshana Magnet. New York, NY: Routledge

NANEX. (2010, 27 September). “NANEX Flash Crash Summary Report”. Retrieved from [http://www.nanex.net/FlashCrashFinal/FlashCrashSummary.html](http://www.nanex.net/FlashCrash)

Napier, D.A. (1986). Masks, Transformation, and Paradox. Berkeley, CA: University of California Press.

Neyland, D. & Möllers, N. (2017). “Algorithmic IF…THEN Rules and the Conditions and Consequences of Power”. Information, Communication, Society, 20 (1), 45-62.

Ngai, S. (2005). Ugly Feelings. Cambridge: Harvard University Press.

Noble, S. (2018). Algorithms of Oppression. New York, NY: New York University Press.

O’Neil, C. (2016). Weapons of Math Destruction: How Big Data Increases Inequality and Threatens Democracy. Largo: Crown Books.

Ørmen, J. (2016). “Googling the news: Opportunities and challenges in studying news events through Google Search”. Digital Journalism, 4 (1). https://doi.org/10.1080/21670811.2015.1093272

Ørmen, J. (2014). “Historicizing Google Search: A Discussion of the Challenges Related to Archiving Search Results”. In König, R. & Rasch, M. (Eds.). Society of the Query Reader: Reflections on Web Search. Amsterdam: Institute of Network Cultures.

Pariser, E. (2011). The Filter Bubble: How the New Personalized Web is Changing What We Think and How We Read. London: Penguin Books.

Pasquale, F. (2006). “Rankings, Reductionism, and Responsibility”. SSRN. Retrieved from <https://papers.ssrn.com/sol3/papers.cfm?abstract_id=888327>

Pasquale, F. (2015). The Black Box Society: The Secret Algorithms that Control Money and Information. London & Cambridge: Harvard University Press.

Pasquinelli, M. (2016). “The Spike: On the Growth and Form of Pattern Police”. In: Franke, A., Hankey, S., & Tuszynski, M. (Eds). Nervous Systems: Quantified Life and the Social Question. Leipzig: Specter Books.

Patterson, S. (2012). Dark Pools: The Rise of AI Trading Machines and the Looming threat to Wall Street. New York: Random House.

Pearl, S. (2017). Face/On. Face Transplants and the Ethics of the Other. Chicago: Chicago University Press.

Peeren, E. (2014). The Spectral Metaphor: Living Ghosts and the Agency of Invisibility. London: Palgrave MacMillan.

Perkins, R. L. (1993). Fear and Trembling and Repetition. International Kierkegaard Commentary. Volume 6. Macon, Georgia: Mercer University Press.

Petzold, T. (2011). “The Merkel Algorithm. What Indian search engines reveal about German Chancellor Angela Merkel?” Zeitschrift fuer internationale Perspektiven, 2-3, 2011.

Picard, A. (2013). “Camille Henrot: A Hunter-Gatherer During a Time of Collective ‘Grosse Fatigue’”. Cinema Scope, CS56. Retrieved from <http://cinema-scope.com/columns/tiff-2013-preview-grosse-fatigue-camille-henrot-franceusa/>

Pilar Blanco del, M. & Peeren E. (2013). The Spectralities Reader: Ghost and Haunting in Contemporary Cultural Theory. New York, NY: Bloomsbury.

Pinch, T. J. (1992). “Opening Black Boxes: Science, Technology and Society”. Social Studies of Science, 22(3), 487–510. <https://doi.org/10.1177/0306312792022003003>

Popper, N. & Anderson, J. (2015, 21 April). “Trader Arrested in Manipulation that Contributed to 2010 ‘Flash Crash’”. The New York Times. Retrieved from https://www.nytimes.com/2015/04/22/business/dealbook/trader-in-britain-arrested-on-charges-of-manipulation-that-led-to-2010-flash-crash.html

Rice University. (n.d). “John Graunt’s Life Table”. Faculty of Rice University. Retrieved from <http://www.stat.rice.edu/stat/FACULTY/courses/stat431/Graunt.pdf>

Richardson, R., Schultz, J. and Crawford, K. (2019). Dirty Data, Bad Predictions: How Civil Rights Violations Impact Police Data, Predictive Policing Systems, and Justice. New York University Law Review Online. Retrieved from: <https://www.nyulawreview.org/online-features/dirty-data-bad-predictions-how-civil-rights-violations-impact-police-data-predictive-policing-systems-and-justice/>

Rouvroy, A. & Berns, T. (2013). “Gouvernementalité algorithmique et perspectives d'émancipation: Le disparate comme condition d'individuation par la relation ?”.  Réseaux, no 177,(1), 163-196. doi:10.3917/res.177.0163. Retrieved from [https://www.cairn-int.info/article-E\_RES\_177\_0163--algorithmic-governmentality-and-prospect.htm](https://www.cairn-int.info/article-E_RE)

Ruefle, M. (2012). Madness, Rack, and Honey. Seattle and New York: Wave Books.

RYBN. (2010). “ADMXI”. RYBN. <http://www.rybn.org/ANTI/ADMXI/>

Samuels, G. (2017, 5 January). “Anti-surveillance clothing unveiled to combat facial recognition technology”. The Independent. Retrieved from http://www.independent.co.uk/news/science/anti-surveillance-clothing-facial-recognition-technology-hyperface-adam-harvey-berlin-facebookapple-a7511631.html.

Scepanski, K. (2016). “Introduction”. In Meister, C., Connor, M., Bromberg, J., & Scepanski, K. (Eds). Elephant Child. New York: Inventory Press & London: Koenig Books.

Scepanski, K. (2018, n.d.). “Femke Herregraven's first institutional solo exhibition on view at Westfälischer Kunstverein”. Art Daily. Retrieved from [http://artdaily.com/news/106830/Femke-Herregraven-s-first-institutional-solo-exhibition-on-view-at-Westf-auml-lischer-Kunstverein](http://artdaily.com/news/106830/Femke-Herregraven-s-first-institutional-solo-exhibition-on-view-at-Westf-auml-lischer-Kuns)

Schulz, K. (2015, April 13). “Sight Unseen: The Hows and Whys of Invisibility”. The New Yorker. Retrieved from http://www.newyorker.com/magazine/2015/04/13/sight-unseen-criticat-large-kathryn-schulz.

Seaver, N. (2013). “Knowing Algorithms”. Media in Transition (8), 1-12.

Seaver, N. (2017). “Algorithms as Culture: Some Tactics for the Ethnography of Algorithmic Systems”. Big Data & Society. [https://doi.org/10.1177/2053951717738104](https://doi.o)

SEC. (2010, 30 September). “Report of the Staffs of the CFTC and SEC to the Joint Advisory Commission on Emerging Regulatory Issues”. Washington D.C.: U.S. Security & Exchange Commission. Retrieved from <https://www.sec.gov/news/studies/2010/marketevents-report.pdf>

Sedgwick Kosofsky, E. (2003). “Paranoid Reading and Reparative Reading, or, You’re so Paranoid You Probably Think This Essay is About You”. In Touching Feeling: Affect, Pedagogy, Performativity. Durham: Duke University Press.

Sharma, S. (2017). “Exit and the Extensions of Man.”Marshall McLuahn Lecture 2017,

Embassy of Canada, Berlin.

Retrieved from: https://transmediale.de/content/exit-and-the-extensions-of-man

Shell, H.R. (2012). Hide and Seek: Camouflage, Photography, and the Media of Reconnaissance. New York, NY: Zone Books.

Simon, T. (2012). “Image Atlas”. Retrieved from [http://tarynsimon.com/works/image\_atlas/#1](about:blank)

Slegg, J. (2015, May 29). “Google Has Over 1 Billion Knowledge Graph Entities in Search Results”. The Sem Post. Retrieved from http://www.thesempost.com/google-1-billion-knowledge-graph-search-results/

Smithsonian Institution (n.d.). “Smithsonian Purpose and Vision”. Retrieved from <https://www.si.edu/about/mission>

Steiner, C. (2012). Automate This: How Algorithms Came to Rule Our World. New York, NY: Penguin Group

Steinweg, M. (2010). “Subject Without a Face”. In A. Broeckmann and Knowbotic Research (Eds.). Opaque Presence: Manual of Latent Invisibilities. Zürich: diaphanes & Berlin: Jardin les Pilotes.

Striphas, T. (2015). “Algorithmic Culture”. European Journal of Cultural Studies, 18(4-5), 395-412.

Studarus, L. (2019, July 17). “This Jewellery is a Brilliant Shield against Face-Recognition Intrusions”. Retrieved from [https://www.fastcompany.com/90375688/this-jewelry-is-a-brilliant-shield-against-face-recognition-intrusions?](https://www.fastcompany.com/90375)

Swedberg, J. (2007). “Hide and seek”. Industrial Fabric Products Review, 92(9), 72–74. Retrieved from <https://www.researchgate.net/publication/298669783_Hide_and_seek>

Toscano, A. (2013, 16 January). “Gaming the Plumbing: High-Frequency Trading and the Spaces of Capital”. Mute. Retrieved from <http://www.metamute.org/editorial/articles/gaming-plumbing-high-frequencytrading-and-spaces-capital>

Tsing A.L. (2015). The Mushroom at the End of the World: On the Possibility of Life on Capitalist Ruins. Princeton: Princeton University Press.

Turner. C. (2004). “The Influencing Machine”. Cabinet Magazine, issue 14. Retrieved from <http://www.cabinetmagazine.org/issues/14/turner.php/cabinet-the-influencing-machine?>

Vaidhyanathan, S. (2011). The Googlization of Everything: (And Why We Should Worry). Oakland, CA: University of California Press.

Vincent, J. (2016, October 4). “Apple boasts about sales; Google boasts about how good its AI is”. The Verge, Retrieved from [https://www.theverge.com/2016/10/4/13122406/google-phone-event-stats](https://www.theverge.com/2016/10/4/13122406/google-pho)

Vogl, J. (2014). The Specter of Capital. Cambridge: Stanford University Press.

Wainwright, O. (2015, 1 December). “The stock market planetarium that could have a Big Bang any minute”. The Guardian. Retrieved from <https://www.theguardian.com/artanddesign/2015/dec/01/black-shoals-dark-matter-somerset-house-london-exhibition>

Wang, Y. & Kosinski, M. (2017). “Deep neural networks are more accurate than humans at detecting sexual orientation from facial images”. Retrieved from <https://osf.io/zn79k/>

Willson, M. (2016). “Algorithms (and the) Everyday”. Information, Communication & Society, (20)1, 137-150. https://doi.org/10.1080/1369118X.2016.1200645

Winner, L. (1993). “Upon Opening the Black Box and Finding It Empty: Social Constructivism and the Philosophy of Technology”. Science, Technology, & Human Values, 18(3), 362–378. <https://doi.org/10.1177/016224399301800306>

Wyatt, S. (2008). “Technological Determinism is Dead: Long Live Technological Determinism”. In: Hacklett, E.J. et al (Eds.) The Handbook of Science and Technology Studies. Cambridge: The MIT Press.

Young, D. R. (2019, March 26). “Public Thinker: Jack Halberstam on Wildness, Anarchy and Growing up Punk”. Public Books. Retrieved from <https://www.publicbooks.org/public-thinker-jack-halberstam-on-wildness-anarchy-and-growing-up-punk/>

Ziewitz, M. (2016). “Governing Algorithms: Myth, Mess, and Methods”. Science, Technology, & Human Values, 41(1), 3–16. <https://doi.org/10.1177/0162243915608948>

Zuboff, S. (2016, March 15). “Google as a Fortune Teller:

The Secrets of Surveillance Capitalism”. Frankfurter Allgemeine Feuilleton. Retrieved from

[http://www.faz.net/aktuell/feuilleton/debatten/the-digital-debate/ shoshana-zuboff-secrets-of-surveillance-capitalism-14103616.html](http://www.faz.net/aktuell/feuilleton/debatten/the-digital-debate/%20%09%09%09%20%20%20%20%20%20%20%20shoshana-zuboff-secrets-of-surveillance-capitalism-14103616.html)

## Works of Art

Autogena, L. & Portway, J. (2001). Black Shoals; Dark Matter [installation]. Big Bang Data, Somerset House, London, December 2015.

Backes, M. (2012). PIXELHEAD [clothing]. Retrieved from <http://www.martinbackes.com/portfolio/pixelhead/>

Blas, Z. (2012-2014). Facial Weaponization Suite. Global Control & Censorship, ZKM, Karlsruhe, 2015.

Blas, Z. (2013-2016). Face Cages. Big Bang Data, Somerset House, London, December 2015.

Braquenier, P. (2012). Palimpsest [photography]. The Ravenstijn Gallery, Amsterdam Art Fair, 2017.

Charles, E. (2013) Fragments on Machines [video, 17:10 min]. Global Control & Censorship, ZKM, Karlsruhe, 2015.

Crispin, S. (2013) Data-Masks. Global Control & Censorship, ZKM, Karlsruhe, 2015. Available at: http://www.sterlingcrispin.com/data-masks.html.

De Beer, J. (2017). Web Spaces [3D print]. Materialising the Internet, MU, Eindhoven, 2017.

Engelberts, L. & Plug, S. (2009). I LOVE ALASKA [video]. Submarine Channel, Amsterdam, 2009. Retrieved from <https://vimeo.com/2893100>

Green, G. & Hopfengärtner, B. (2013) 75.000 Futures [picture book].

Groten, A. (2013). Machina Recordatio [sound installation]. Public Library of Amsterdam, Society of the Query Conference, Amsterdam, 2013.

Harvey, A. (2010). CV Dazzle. Retrieved from <https://cvdazzle.com/>

Harvey, A. (2012). The Privacy Gift Shop. Retrieved from <https://privacygiftshop.com/>

Harvey, A. (2017). HyperFace. AH Projects. Retrieved from: <https://ahprojects.com/projects/hyperface/>

Harvey, A. (2018). Adam Harvey: The Privacy Gift Shop. In Doringer, B.& Felderer, B. (Eds.). Faceless: Re-inventing Privacy Through Subversive Media Strategies. Berlin: De Gruyter.

Henrot, C. (2013). Grosse Fatigue [video, 13 min]. GLOBALE: Exo-Evolution, ZKM, Karlsruhe, 2015.

Herregraven, F. (2018) Pull everything, pull everything [video loop, 5:35 min]. Future Gallery, Berlin, 2019.

Herregraven, F. (2018) Corrupted Air [lightboxes]. Future Gallery, Berlin, 2019.

Holmes, H. & Henrot, C. (2015). Desktopmance [application].

Jones, P. & Amir, A. (2009). Narcissus Search Engine for N.E.W.S. [web application] Retrieved from [http://searchnarcissus.net/](http://searchna)

Ridgway, R. (2016). Re:Search [print & Ipad]. Hacking Habitat, Utrecht, The Netherlands, 2016.

Robin Hood Cooperative. (2017). The Parasite. RHMAM. Retrieved from <https://www.robinhoodcoop.org/>

RYBN. (2013). The Algorithmic Trading Freak Show [installation]. Transmediale, Haus der Kulturen der Welt, Berlin, 2016.

Scourti, E. (2012-2013). Life in AdWords [videos] <https://vimeo.com/showcase/1944360> and <http://www.ericascourti.com/>

Shepherd, M. (2010). Sentient City Survival Kit. Retrieved from <http://survival.sentientcity.net/umbrella.html>

Simon, T. (2012). Image Atlas. Retrieved from <http://www.imageatlas.org/>

Vijgen, R. (2011). Deleted Cities. MU, Materialising the Internet, Eindhoven, 2017.