



Universiteit
Leiden
The Netherlands

Computer says no: understanding digital authority

Weggemans, D.J.

Citation

Weggemans, D. J. (2025, February 13). *Computer says no: understanding digital authority*. Retrieved from <https://hdl.handle.net/1887/4180592>

Version: Publisher's Version

[Licence agreement concerning inclusion of doctoral thesis in the Institutional Repository of the University of Leiden](#)

License: <https://hdl.handle.net/1887/4180592>

Note: To cite this publication please use the final published version (if applicable).

L LITERATURE

- Abelson, R. P. (1981), 'Psychological status of the script concept'. *American Psychologist*, 36(7), pp.715–729.
- Achterhuis, H. (1997), *Van stoommachine tot cyborg; denken over techniek in de nieuwe wereld*. Amsterdam: Ambo.
- Adam, B. (1996), 'Detraditionalization and the Certainty of Uncertain Futures', in Heelas, P., Lash, S. & Morris, P. (eds), *Detraditionalization. Critical Reflections on Authority and Identity* (pp. 134-48). Oxford: Blackwell.
- Adorno, T., Frenkel-Brunswick, E., Levinson, D. & Sanford, N., (1950). *The Authoritarian Personality*. New York: Harper.
- AI Impacts (2022), *2022 Expert Survey on Progress in AI*. Online via <https://aiimpacts.org/2022-expert-survey-on-progress-in-ai/> (Accessed January 2024).
- Akrich, M. (1992), 'The De-Description of Technical Objects', in Bijker, W. and Law, J. (eds.), *Shaping Technology/ Building Society: Studies in Socio-technical change* (pp. 205-224). Cambridge: MIT Press.
- Albarracin, M., Constant, A., Friston, K. & Ramstead, M. (2021), 'A variational approach to scripts'. *Frontiers in Psychology*, 12(1), pp.1-15.
- Albrechtlund, A. (2007), 'Ethics and technology design'. *Ethics and Information Technology*, 9(1), pp. 63-72.
- Albright, A. (2019), 'If You Give a Judge a Risk Score: Evidence from Kentucky Bail Decisions'. *The John M. Olin Center for Law, Economics, and Business Fellows' Discussion Paper Series*, 85.
- Algemeen Dagblad (2024), Gevangene die 401 dagen te vroeg werd vrijgelaten is nu spoorloos. Online via <https://www.ad.nl/binnenland/gevangene-die-401-dagen-te-vroeg-werd-vrijgelaten-is-nu-spoorloos~aaea6689/?referrer=https%3A%2F%2Fwww.google.com%2F> (Accessed March 2024).
- Alon-Barkat, S., & Busuioc, M. (2023), 'Human–AI interactions in public sector decision making: "automation bias" and "selective adherence" to algorithmic advice'. *Journal of Public Administration Research and Theory*, 33(1), pp.153-169.
- Altemeyer, R.A. (1981), *Right-wing Authoritarianism*. Winnipeg: University of Manitoba Press.
- Altemeyer, B. (1988). *Enemies of freedom: Understanding right-wing authoritarianism*. San Francisco: Jossey-Bass.
- Amnesty International, (2019), *We Sense Trouble: Automated discrimination and mass surveillance in predictive policing in the Netherlands*. Online via <https://www.amnesty.org/en/documents/eur35/2971/2020/en/> (Accessed January 2024).
- Angwin, J., Larson, J., Mattu, S., & Kirchner, L. (2016), 'Machine Bias: there's software used across the country to predict future criminals. And it's biased against blacks'. *ProPublica*. Online via <https://www.propublica.org/article/machine-bias-risk-assessments-in-criminal-sentencing> (Accessed January 2024).
- Anttiroiki, A., Bailey, S. & Valkama, P. (2012), 'Innovations in public governance in the western world', in Anttiroiki, A., Bailey, S & Valkama, P. (eds.), *Innovation and the public sector* (pp. 1-22). Amsterdam: IOS Press.
- Arendt, H. (1961), *Between past and future: Eight exercises in Political Thought*. New York: Viking Press.

LITERATURE

- Arendt, H. (1963), *Eichmann in Jerusalem: a Report on the Banality of Evil*. New York: Viking Press.
- Arendt, H. (1970), *On Violence*. New York: Hartcourt Brace Jovanovich Publishers.
- Asworth, A. & Zedner, L. (2014), *Preventive Justice*. Oxford: Oxford University Press.
- Austin, V.L. (2010), *Up with Authority: Why we need authority to flourish as human beings*. London: T&T Clark.
- AT5 (2018), 'Apple-Navigate stuurt fietsende toeristen door de Piet Heintunnel'. Online via <https://www.at5.nl/artikelen/184990/apple-navigatie-stuurt-fietsende-toeristen-door-de-piet-heintunnel> (Accessed January 2024).
- Atoyan H., Duquet J. & Robert J. (2006), 'Trust in new decision aid systems'. *Proceedings of the 18th International on l'Interaction Homme-Machine*, pp. 115–122.
- Autoriteit Persoonsgegevens (2020), *Belastingdienst/Toeslagen: De verwerking van de nationaliteit van aanvragers van kinderopvangtoeslag*. Online via https://autoriteitpersoonsgegevens.nl/sites/default/files/atoms/files/onderzoek_belastingdienst_kinderopvangtoeslag.pdf (Accessed January 2024).
- Axell, C. (2018), 'Technology and children's literature', in De Vries, M. (ed.), *Handbook of Technology Education* (pp. 895-911). Cham: Springer.
- Axell, C. & Boström, J. (2021), 'Technology in children's picture books as an agent for reinforcing or challenging traditional gender stereotypes'. *International journal of technology and design education*, 31(1), pp. 27-39.
- Bandura, A. (1978), 'Self-efficacy: toward a unifying theory of behavioral change'. *Psychological review*, 84(2), pp. 139-161.
- Bauman, Z. (2012), *Liquid modernity*. Cambridge: Polity press.
- Bartneck, C. & Hu, J. (2008), 'Exploring the abuse of robots'. *Interaction Studies*, 9(3), pp. 415-433.
- Barton, T. (2011), *Defying Defcon One*. RT News. Online via <https://www.youtube.com/watch?v=2pl4Eu5VFOA&t=5s> (Accessed January 2024).
- BBC (2013a), *Apple Maps flaw results in drivers crossing airport runway*. Online via <https://www.bbc.com/news/technology-24246646> (Accessed January 2024).
- BBC (2013b), *Stanislav Petrov: The man who may have saved the world*. Online via <https://www.bbc.com/news/world-europe-24280831> (Accessed January 2024).
- BBC (2020), *Hawk-Eye apologizes after goalline technology error denies Sheffield United*. Online via <https://www.bbc.com/sport/football/53086360> (Accessed January 2024).
- BBC (2024), Airline held liable for its chatbot giving passengers bad advice – what this means for travelers. Online via <https://www.bbc.com/travel/article/20240222-air-canada-chatbot-misinformation-what-travellers-should-know> (Accessed February 2024).
- Beck, U. (1992a). *Risk society: Towards a new modernity*. London: Sage.
- Beck, U. (1992b). From industrial society to the risk society: Questions of survival, social structure, and ecological enlightenment. *Theory, culture & society*, 9(1), pp.97-123.
- Beck, U. (1998), 'Politics of Risk Society', in Franklin, J. (ed.), *The Politics of Risk Society* (pp.9-23). Cambridge: Polity Press.
- Beck, U. (2003), *An interview with Ulrich Beck on fear and risk society*. by Yates, J. in *The Hedgehog Review*, 5(3), pp. 96-108.
- Bedner, A. W. (2002). Judicial corruption: Some consequences, causes and remedies. *CILC Seminar in Tribute to Jan van Olden, Center for International Legal Cooperation*. Online via <https://scholarlypublications.universiteitleiden.nl/access/item%3A2931169/download> (Accessed January 2024).
- Bekker, T., Bakker, S., Douma, I., Van Der Poel, J. & Scheltens, K. (2015), 'Teaching children digital literacy through design-based learning with digital toolkits in schools'. *International Journal of Child-Computer Interaction*, 5 (1), pp. 29-38.
- Bell, D. (1970), 'Authority'. *Royal Institute of Philosophy Lectures*, 4, pp. 190-203.
- Bernstein, P. L. (1996). *Against the gods: The remarkable story of risk*. New York: Wiley.
- Berdichevsky, D. & Neuenschwander, E. (1999), 'Towards an ethics of persuasive technology'. *Communications of the ACM*, 42(5), pp.51-58.

- Bevir, M. (2009), *Key Concepts in Governance*. London: Sage.
- Bick, M., & Kummer, T. F. (2008), 'Ambient intelligence and Ubiquitous computing', in Adelsberger, H., Pawłowski, J. & Sampson, D. (eds.), *Handbook on Information Technologies for Education and Training* (pp. 79-100). Berlin: Springer.
- Bickman, L. (1974), 'The Social Power of a Uniform'. *Journal of Applied Social Psychology*, 4 (1), pp. 47-61.
- Bidle, J. (2018), *New Dark Age: Technology and the end of the Future*. London: Verso Books.
- Bingham, C. (2008), *Authority is relational: Rethinking educational empowerment*. New York: SUNY Press.
- Biros, D. P., Fields, G. & Gunsch, G. (2003), 'The effect of external safeguards on human-information system trust in an information warfare environment'. *International Conference on System Sciences*, pp.1-10.
- Blass, T. (1991), 'Understanding behavior in the Milgram obedience experiment: The role of personality, situations, and their interactions'. *Journal of Personality and Social Psychology*, 60(3), pp. 398-413.
- Blass, T. (1995), 'Right-wing authoritarianism and role as predictors of attributions about obedience to authority'. *Personality and Individual differences*, 19(1), pp. 99-100.
- Blass, T. (1996), 'Attribution of Responsibility and Trust in the Milgram Obedience Experiment 1'. *Journal of Applied Social Psychology*, 26(17), pp.1529-1535.
- Blass, T. (1999), 'The Milgram Paradigm After 35 Years: Some Things We Now Know About Obedience to Authority'. *Journal of Applied Social Psychology*, 29(5), pp.955-978.
- Bocchiaro, P., & Zimbardo, P. (2008), 'Deciding to defy unjust authority: An experimental investigation'. In Zimbardo, P. (ed.), *Acta Zimbardo Foundation*, (pp. 29-56). Cammarata, Italy.
- Bock, D. C., & Warren, N. (1972), 'Religious Belief as a Factor in Obedience to Destructive Commands'. *Review of Religious Research*, 13(1), pp.185-191.
- Bosworth, B. (1999), 'Augustus, the Res Gestae and Hellenistic Theories of Apotheosis'. *The Journal of Roman Studies*, 89 (1), pp. 1-18.
- Bovens, M. & Zouridis, S. (2002), 'From street-level to system-level bureaucracies: how information and communication technology is transforming administrative discretion and constitutional control'. *Public administration review*, 62(2), pp.174-184.
- Bostrom, N. (2002), 'Existential risks: Analyzing human extinction scenarios and related hazards'. *Journal of Evolution and Technology*, 9(1), pp.1-30.
- Bostrom, N. (2006), *AI set to exceed human brain power*. CNN. Online via <http://edition.cnn.com/2006/TECH/science/07/24/ai.bostrom/> (Accessed January 2024).
- Bostrom, N. (2013), 'Existential risk prevention as global priority'. *Global Policy*, 4(1), pp.15-31.
- Bostrom, N. & Sandberg, A. (2009), 'Cognitive enhancement: methods, ethics, regulatory Challenges'. *Science and Engineering Ethics*, 15(3), 311-341.
- Botsman, R. (2017). *Who Can You Trust?: How Technology Brought Us Together—and Why It Could Drive Us Apart*. London: Penguin.
- Bourdieu, P. (1990a), *In Other Words: Essays towards a reflexive sociology*. Stanford: Stanford University Press.
- Bourdieu, P. (1990b), *The Logic of Practice*. Translated by Nice, R., Stanford: Stanford University Press.
- Bozinoff, L. (1982), 'A Script Theoretic Approach to Information Processing: an Energy Conservation Application'. *Advances in Consumer Research*, 9(1), pp.481-486.
- Bracken, P. (2012), *The second nuclear age: Strategy, danger, and the new power politics*. New York: St. Martin's Press.
- Breakwell, G.M (2014), *The psychology of risk (2nd edition)*. Cambridge: Cambridge University Press.
- Brey, P. (2005), 'Freedom and privacy in ambient intelligence'. *Ethics and Information Technology*, 7(3), pp.157-166.
- Broeders, D., Schrijvers, E., Van Braker, R.E., de Hoog, J., Van der Sloot, B. & Hirsch-Ballin, E. (2016), *Big Data in een vrije en veilige samenleving*. Wetenschappelijke Raad voor Regeringsbeleid. Amsterdam: Amsterdam University Press.

LITERATURE

- Broeders, D., Schrijvers, E., Van der Sloot, B., Van Brakel, R., de Hoog, J. & Hirsch-Ballin, E. (2017), 'Big Data and Security Policies: Towards a framework for regulating the phases of analytics and use of Big Data'. *Computer Law & Security Review*, 33(3), pp.309-323.
- Broussard, M. (2018), *Artificial Unintelligence: How computers misunderstand the World*. Cambridge: MIT Press.
- Brownword, R. (2004), 'What the world needs now: Techno-regulation, human rights and human dignity'. in Brownword, R. (ed.), *Global Governance and the Quest for Justice Volume 4* (pp.203-234). Oxford: Hart Publishing.
- Brownword, R., & Yeung, K. (eds.). (2008). *Regulating technologies: legal futures, regulatory frames and technological fixes*. London: Bloomsbury Publishing.
- Buffat, A. (2015), 'Street-level bureaucracy and e-government'. *Public Management Review*, 17(1), pp.149-161.
- Burley, P. M. & McGuinness, J. (1977), 'Effects of social intelligence on the Milgram paradigm'. *Psychological Reports*, 40(3), pp. 767-770.
- Burger, J. M. (2009), 'Replicating Milgram: Would people still obey today?'. *American Psychologist*, 64(1), pp.1-11.
- Busch, P. A., & Henriksen, H. Z. (2018), 'Digital discretion: A systematic literature review of ICT and street-level discretion'. *Information Polity*, 23(1), pp.3-28.
- Carlson, M. (2017), *Journalistic authority: Legitimizing news in the digital era*. New York: Columbia University Press.
- Byrne, J. & Marx, G. (2011), 'Technological innovations in crime prevention and policing. A review of the research on implementation and impact'. *Journal of Police Studies*, 20(3), pp. 17-40.
- Caprael, L. R. (1986), 'Anthropomorphism and mechanomorphism: Two faces of the human machine'. *Computers in Human Behavior*, 2(3), pp. 215-234.
- Cardon, P. & Marshall, B. (2008), 'National Culture and Technology Acceptance: The impact of uncertainty avoidance'. *Issues in Information Systems*, 9(2), pp.103-110.
- Carter, A. (1979). *Authority and Democracy*. London: Routledge.
- Casero-Ripollés, A. (2021), 'Influencers in the political conversation on twitter: Identifying digital authority with big data'. *Sustainability*, 13(5), 2851.
- Castelfranchi, C. (2000), 'Artificial liars: Why computers will (necessarily) deceive us and each other'. *Ethics and Information Technology*, 2(2), pp.113-119.
- Center for AI Safety (2023), *Statement on AI Risk: AI experts and public figures express their concern about AI risk*. Online via <https://www.safe.ai/statement-on-ai-risk> (Accessed January 2024).
- Chenenson, S. & Hyatt, J. (2016), *The use of risk assessment at sentencing: Implications for research and policy*. Villanova University Charles Widger School of Law. Online via https://papers.ssrn.com/sol3/papers.cfm?abstract_id=2961288 (Accessed January 2024).
- Cialdini, R. B., (2007), *Influence: The Psychology of Persuasion*. New York: Collins.
- Citron, D. K. (2008), 'Open Code Governance'. *The University Chicago Legal Forum*, pp.355-387.
- Clark, A. (1999), 'An embodied cognitive Science?'. *Trends in cognitive sciences*, 3(9), pp.345-351.
- CNN (2008), *Airline captain, lawyer, child on terror 'watch list'*. Online via <https://edition.cnn.com/2008/US/08/19/tsa.watch.list/index.html> (Accessed January 2024).
- CNN (2012), No-Fly 'glitch' has toddler removed from plane. Online via <https://edition.cnn.com/2012/05/10/travel/no-fly-toddler/index.html#:~:text=TSA%20was%20called%20to%20the,flight%2C%20saying%20they%20felt%20humiliated> (Accessed January 2024).
- CNN (2019), *Nearly 100 drivers followed a Google Maps detour – and ended up in an empty field*. Online via <https://edition.cnn.com/2019/06/26/us/google-maps-detour-colorado-trnd/index.html> (Accessed January 2024).
- Cohen, J.L. (1982), *An Essay on Belief and Acceptance*. Oxford: Oxford University Press.

- Coiera, E. (2007), 'Putting the technical back into socio-technical systems research'. *International journal of medical informatics*, 76(1), pp.98-103.
- Collins, H., & Evans, R. (2008), 'You cannot be serious! Public understanding of technology with special reference to "Hawk-Eye"'. *Public Understanding of Science*, 17(3), pp.283-308.
- Cooper, M. D. (2000). Towards a model of safety culture. *Safety science*, 36(2), pp. 111-136.
- Cormier, D., Newman, G., Nakane, M., Young, J. E. & Durocher, S. (2013). 'Would you do as a robot commands? an obedience study for human-robot interaction. *International Conference on Human-Agent Interaction*', pp. 1-8.
- Cortada, J. (2008), *The Digital Hand: How computers changed the work of American public sector industries*. New York: Oxford University Press.
- Csikszentmihalyi, M. (1990). *Flow: The psychology of optimal experience*. New York: Harper & Row.
- Cukier, K. (2010), *Data, data everywhere*. The Economist. Online via <https://www.economist.com/special-report/2010/02/27/data-data-everywhere> (Accessed January 2024).
- Cukier, K. & Mayer-Schonberger, V. (2013), *Big Data: A revolution that will transform who we live, work, and think*. Boston: Houghton Mifflin Harcourt.
- Danaher, J. (2016), 'The Threat of Algocracy: Reality, resistance and accommodation'. *Philosophy & Technology*, 29(3), pp. 245-268.
- Daugherty, W., Levi, B., & Vons Hippel, F. (1986), 'The consequences of " limited" nuclear attacks on the United States'. *International Security*, 10(4), pp.3-45.
- Davies, D. (2024), *The Unaccountability Machine: Why Big Systems make Terrible Decisions - and How the World Lost Its Mind*. London: Profile Books.
- Davis, G. A., Paultre, K. L., Houck, M. & Swan, T. (2010), 'Does the technology portrayed in television crime shows have an effect on potential jurors?'. *Issues in Information Systems*, 11(1), pp.154-163
- De George, R. T. (1985). *The nature and limits of Authority*. Lawrence: University Press of Kansas.
- De Jouvenel, B. (1957). *Sovereignty: An inquiry into the political good*. Chicago: University of Chicago Press.
- De La Mettrie, J.O. (1747), *Man a Machine*. Translated by Bussey (2016). G.C. & Calkins, M.W. Rockville: Wildside Press.
- De Mul, J. & Van den Berg, B. (2011), 'Remote control: Human autonomy in the age of computer-mediated agency', in Hildebrandt, M. & Rouvroy, A. (eds.), *Law, Human Agency and Autonomic Computing* (pp. 62-79). London: Routledge.
- De Mul, J. (2013), 'The (Bio)Technological Sublime in Aesthetics in action'. *Diogenes*, 59(1), pp.32:40.
- De Standaard (2013), *Oma volgt gps naar Brussel en stopt pas in Kroatië*. Online via https://www.standaard.be/cnt/dmf20130112_00431308 (Accessed January 2024).
- De Volkskrant (2020), *Belastingdienst schuldig aan structurele discriminatie van mensen die toeslagen ontvingen*. Online via <https://www.volkskrant.nl/nieuws-achtergrond/belastingdienst-schuldig-aan-structurele-discriminatie-van-mensen-die-toeslagen-ontvingen~baebefdb/> (Accessed January 2024).
- De Visser, E. J., Krueger, F., McKnight, P., Scheid, S., Smith, M., Chalk, S. & Parasuraman, R. (2012), 'The world is not enough: Trust in cognitive agents'. *Proceedings of the Human Factors and Ergonomics Society Annual Meeting*, 56(1), pp. 263–267.
- DeBenedictis, E. P., Badaroglu, M., Chen, A., Conte, T. M. & Gargini, P. (2017), 'Sustaining Moore's law with 3D chips'. *Computer*, 50(8), pp. 69-73.
- Dekkers, T., van der Woude, M. & Koulish, R. (2019), 'Objectivity and accountability in migration control using risk assessment tools'. *European Journal of Criminology*, 16(2), pp.237-254.
- Diamandis, P.H. & Kotler, S. (2012), *Abundance: The future is better than you think*. New York: Free Press.
- Dormehl, L. (2015), *The Formula: How Algorithms Solve All Our Problems and Create More*. New York: Penguin.
- Dorrestijn, S. (2012), 'Theories and figures of technical mediation', in Gunn, W. & Donovan, J. (eds.), *Design and anthropology* (pp.219-230), London: Routledge.

LITERATURE

- Dorrestijn, S. & Verbeek, P. P. (2013), 'Technology, wellbeing, and freedom: The legacy of utopian design'. *International Journal of Design*, 7(3), pp.45-56.
- Dotterway, K. A. (1992). *Systematic analysis of complex dynamic systems: the case of the USS Vincennes*. Naval Postgraduate school. Online via <https://apps.dtic.mil/sti/pdfs/ADA260260.pdf> (Accessed January 2024).
- Dunleavy, P., Margetts, H., Bastow, S. & Tinkler, J. (2006), 'New public management is dead—long live digital-era governance'. *Journal of public administration research and theory*, 16(3), pp. 467-494.
- Dutta, S. & Lavin, B. (2022), *The Network Readiness Index 2022*. Washington: Portulans Institute.
- Economist (2017), *Obituary: Stanislav Petrov was declared to have died on September 18th*. Online via <https://www.economist.com/obituary/2017/09/30/obituary-stanislav-petrov-was-declared-to-have-died-on-september-18th> (Accessed January 2024).
- Edelman Trust Barometer (2022). Online via https://www.edelman.com/sites/g/files/aatuss191/files/2022-01/2022%20Edelman%20Trust%20Barometer%20FINAL_Jan25.pdf (Accessed January 2024).
- Eidinow, E. (2007). *Oracles, curses, and risk among the ancient Greeks*. New York: Oxford University Press.
- Eijkman, Q. (2014), 'Digital Security Governance and Risk Anticipation: What About the Role of Security Officials in Privacy Protection'. *International Political Sociology*, 8(1), pp. 116-118.
- Ellul, J. (1962), 'The technological order'. *Technology and culture*, 3(4), pp.394-421.
- Ellul, J. (1964), *The Technological Society*. Translated by Wilkinson, J., New York: Vintage Books.
- Ellul, J. (1990), *The Technological Bluff*. Translated by Bromiley, G., Grand Rapids: Eerdmans.
- Elms, A. C. & Milgram, S. (1966), 'Personality characteristics associated with obedience and defiance toward authoritative command'. *Journal of Experimental Research in Personality*, 1(4), pp.282-289.
- Epley, N., Waytz, A. & Cacioppo, J. T. (2007), 'On seeing human: a three-factor theory of anthropomorphism'. *Psychological review*, 114(4), pp.864-886.
- Ericson, R. V. & Haggerty, K. D. (1997). *Policing the risk society*. Toronto: University of Toronto Press.
- Eubanks, V. (2018), *Automating inequality: how high-tech tools profile, police, and punish the poor*. New York: St. Martin's Press.
- European Parliament (2023), *Artificial Intelligence Act: deal on comprehensive rules for trustworthy AI*. Online via <https://www.europarl.europa.eu/news/en/press-room/20231206IPR15699/artificial-intelligence-act-deal-on-comprehensive-rules-for-trustworthy-ai> (Accessed January 2024).
- Experts Exchange (2016), 'Infographic : Processing Power Compared. Online via <https://www.datasciencecentral.com/processing-power-compared-infographics/> (Accessed January 2024).
- Februari, M. (2023), *Doe zelf normaal: Menselijk recht in tijden van datasturing en natuurgeweld*. Amsterdam: Prometheus.
- Feeberg, A. (1991). *Critical theory of technology*. New York: Oxford University Press.
- FHWA (2024), *State motor vehicle registrations, by years, 1900-1995*. Online via <https://www.fhwa.dot.gov/ohim/summary95/mv200.pdf> (Accessed January 2024).
- Fiske, S.T. & Taylor, S.E. (1994). *Social Cognition*. New York: McGraw-Hill.
- Flathman, R. E. (1980). *The practice of political authority*. Chicago: University of Chicago Press.
- Floridi, L. (2013), *The Ethics of Information*. Oxford: Oxford University Press.
- Florence, J. (2006), 'Making the no fly list fly: A due process model for terrorist Watchlists'. *The Yale Law Journal*, 115(1), pp. 2148-2181.
- Fogg, B. J. & Nass, C. (1997), 'Silicon sycophants: the effects of computers that flatter'. *International journal of human-computer studies*, 46(5), pp. 551-561.
- Fogg, B. J. & Nass, C. (1997), 'How users reciprocate to computers: an experiment that demonstrates behavior change'. *CHI'97 extended abstracts on Human factors in Computing Systems*, pp. 331-332.
- Fogg, B. J. (2003), *Persuasive technology: using computers to change what we think and do*. San Francisco: Morgan Kaufmann Publishers.

- Follow the Money (2023), *Dubieuze algoritme van de politie ‘voorspelt’ wie in de toekomst geweld zal plegen*. Online via https://www.ftm.nl/artikelen/nederlandse-politie-gebruikt-minority-report-algoritme?share=nmsyzH6Tz/581UYGPAGzal4n79JX3JH4u81m9ze7F3iF5Fid2WLIMrxOUiXgUxw=&utm_medium=social&utm_campaign=sharebuttonleden&utm_source=whatsapp (Accessed January 2024).
- Foucault, M. (1977), *Discipline and Punish*, London: Penguin.
- French, S.E. & Lindsay, L.N. (2022), ‘Artificial Intelligence in Military Decision-Making: Avoiding Ethical and Strategic Perils with an Option-Generator Model’, in Koch, B. & Schoonhoven, R. (eds.), *Emerging Military Technologies: Ethical and Legal Perspectives* (pp.53-74). Leiden: Brill Nijhoff.
- Friedrich, C. J. (1972). *Tradition and authority*. Basingstoke: Macmillan.
- Friedman, R. B. (1990), ‘On the concept of authority in political philosophy’. In Raz. J. (ed.), *Authority* (pp. 56-91). New York: New York University Press.
- Friedman, B. (1995), ‘It’s the computer’s fault’ reasoning about computers as moral agents’. *Proceedings of the conference on Human factors in Computing Systems*, pp. 226-227.
- Frissen, V. & van Lieshout, M. (2006), ‘ICT in everyday life: the role of the user’. In Verbeek, P.P. & Slob, A. (eds.), *User Behavior and Technology Development: Shaping Sustainable Relations Between Consumers and Technologies* (pp. 253-262). Dordrecht: Springer.
- Fromm, E. (1936). Studies on Authority and the Family. Sociopsychological Dimensions. In Kassouf, S. (2020) (ed.) *Erich Fromm Early Writings* (pp.8-58). Online via <https://www.fromm-gesellschaft.eu/index.php/en/publications/fromm-forum-english/671-fromm-forum-24-2020-en> (Accessed January 2024).
- Fry, H. (2018). *Hello World: Being Human in the Age of Algorithms*. London: Penguin.
- Furedi, F. (2013). *Authority: a sociological history*. New York: Cambridge University Press.
- Furedi, F. (2015), ‘Bringing Historical Dimensions Into the Study of Social Problems: The Social Construction of Authority’. *Qualitative Sociology Review* 11(2), pp.94-108.
- Galinsky, K. (1996), *Augustan Culture: An Interpretive Introduction*. Princeton: Princeton University Press.
- Garland, D. (2003), ‘The rise of risk’. In Ericson, R. (ed.) *Risk and morality* (pp. 48-86). Toronto: Toronto University Press.
- Garthoff, R. L. (1994). *The great transition*. Washington: Brookings Institution Press.
- Gaver, W.W. (1991), ‘Technology affordances’. *Proceedings of the conference on Human Factors in Computing Systems*, pp. 79–84.
- Geiger, G. (2021), ‘How a discriminatory algorithm wrongly accused thousands of families of fraud’. *Vice*. Online via <https://www.vice.com/en/article/jgq35d/how-a-discriminatory-algorithm-wrongly-accused-thousands-of-families-of-fraud> (Accessed January 2024).
- Geiskovitch, D. Y., Cormier, D., Seo, S. H. & Young, J. E. (2016), ‘Please continue, we need more data: an exploration of obedience to robots. *Journal of Human-Robot Interaction*, 5(1), pp.82-99.
- General Data Protection Regulation (2016), Official Journal of the European Union. Online via <https://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:32016R0679> (Accessed January 2024).
- Giddens, A. (1990), *The Consequences of Modernity*. Cambridge: Polity Press.
- Giddens, A. (1991). *Modernity and self-identity: Self and society in the late modern age*. Cambridge: Polity Press.
- Giddens, A. (1994), ‘Living in a Post-Traditional Society’, in Beck, U., Giddens, A. & Lash, S. (eds.), *Reflexive Modernization: Politics, Tradition and Aesthetics in the Modern Social Order* (pp. 56-109). Cambridge: Polity Press.
- Giddens, A. (1998), ‘Risk Society: the Context of British Politics’, in Franklin, J. (ed.), *The Politics of Risk Society* (pp. 23-35). Cambridge: Polity Press.
- Giddens, A. (1999). Risk and responsibility. *The Modern Law Review*, 62(1), pp.1-10.
- Giddens, A. (2002). *Runaway world: How globalization is reshaping our lives*. London: Profile Books Ltd.

LITERATURE

- Gillespie, N., Lockey, S., Curtis, C., Pool. J. & Akbari, A. (2023), *Trust in Artificial Intelligence: A Global Study*. The University of Queensland and KPMG Australia. Online via <https://assets.kpmg.com/content/dam/kpmg/au/pdf/2023/trust-in-ai-global-insights-2023.pdf> (Accessed January 2024).
- Gigerenzer, G., Hertwig, R., & Pachur, T. (2011), *Heuristics: The foundations of adaptive behavior*. New York: Oxford University Press.
- Gladden, M. (2014), 'The Social Robot as 'Charismatic Leader': A Phenomenology of Human Submission to Nonhuman Power', *Sociable Robots and the future of Social Relations: proceedings of Robo-philosophy*, 273(1), pp.329-339.
- Gladwell, M. (2008), *Outliers: The story of success*. London: Penguin.
- Goffman, E. (1959), *The Presentation of Self in Everyday Life*. London: Penguin.
- Goffman, E. (1967). Interaction ritual: essays on face-to-face interaction. New York: Pantheon Books.
- Goffman, E. (1983), 'The Interaction Order', *American Sociological Review*, 48(1), 1-17.
- Goffman, E. (1986), *Frame analysis: An essay on the organization of experience*. Boston: Northeastern University Press.
- Graesser, A. & Whitten, S. (2001), 'Scripts of the Mind and Educational Reform', *Contemporary Psychology*, 46(3) pp. 261-262.
- Graham, S. & Wood D. (2003), 'Digitizing surveillance: Categorization, space, inequality'. *Critical Social Policy*, 23 (2), pp. 227-248.
- Grant, M. (1969) *From Imperium to Auctoritas: A Historical Study of Aes coinage in the Roman Empire, 49 B.C. – A.D. 14*. Cambridge: Cambridge University Press.
- Gray, M. (2003), 'Urban surveillance and panopticism: will we recognize the facial recognition society?', *Surveillance & Society*, 1(3), pp. 314-330.
- Greengard, S. (2015). *The Internet of Things*. Cambridge: MIT press.
- Guzek, D. (2015), 'Discovering the digital authority: Twitter as reporting tool for papal activities'. *Online: Heidelberg Journal of Religions on the Internet*, 9(1), pp.63-81.
- Gubbi, J., Buyya, R., Marusic, S. & Palaniswami, M. (2013), 'Internet of Things (IoT): A vision, architectural elements, and future directions'. *Future generation computer systems*, 29(7), pp.1645-1660.
- Guthrie, S. E. (1993). *Faces in the clouds: A new theory of religion*. New York: Oxford University Press.
- Hamilton, M. (2015), 'Adventures in risk: predicting violent and sexual recidivism in sentencing law'. *Arizona State Law Journal*, 47(1), pp. 1-62.
- Hardwig, J. (1986), 'Epistemic Dependence'. *The Journal of Philosophy*, 82(7), pp.335-349.
- Haring, K., Mosley, A., Pruznick, S., Fleming, J., Satterfield, K., de Visser, E., Tossel, C. & Funke, G. (2019), 'Robot authority in human-machine teams: effects of human-like appearance on compliance', *International Conference on Human-Computer Interaction*. Orlando: Springer, pp.63-78.
- Hayes, P., van de Poel, I. & Steen, M. (2020), 'Algorithms and values in justice and Security'. *AI & Society*, 35(1), pp. 533-555.
- Heidegger, M. (1927). *Being and time: A translation of Sein und Zeit*. Translated by Stambaugh, J. (2010), New York: SUNY press.
- Heylighen, F. (2002). *Complexity and Information Overload in Society: why increasing efficiency leads to decreasing control*. Online via <http://pespmc1.vub.ac.be/Papers/Info-overload.pdf> (Accessed January 2024).
- Hilbert, M. (2012), 'How much information is there in the "information society"?'?, *Significance*, 9(4), pp.8-12.
- Hilbert, M. & López, P. (2011), 'The world's technological capacity to store, communicate, and compute information'. *Science*, 332(6025), pp.60-65.
- Hilbert, M. & López, P. (2012a), 'Info Capacity| How to Measure the World's Technological Capacity to Communicate, Store and Compute Information? Part I: Results and Scope'. *International Journal of Communication*, 6(1), pp.956-979.

- Hilbert, M. & López, P. (2012b), 'Info Capacity| How to Measure the World's Technological Capacity to Communicate, Store and Compute Information? Part II: Measurement Unit and Conclusions'. *International Journal of Communication*, 6(1), pp.936-955.
- Hildebrandt, M. (2011), 'Legal Protection by Design: Objections and Refutations'. *Legisprudence*, 5(2), pp. 223–248.
- Hildebrandt, M. & Gutwirth, S. (2008), *Profiling the European Citizen: Cross-Disciplinary Perspectives*. Heidelberg: Springer
- Hill, K. (2020), *Wrongfully accused by an algorithm*, The New York Times, online via <https://www.nytimes.com/2020/06/24/technology/facial-recognition-arrest.html> (Accessed January 2024).
- Hoff, K. A. & Bashir, M. (2015), 'Trust in automation: Integrating empirical evidence on factors that influence trust'. *Human factors*, 57(3), pp.407-434.
- Hoffman, D. (2009). *The Dead Hand: The Untold Story of the Cold War Arms Race and Its Dangerous Legacy*. New York: Doubleday.
- Hofstede, G. (1980), Culture's consequences: International differences in work-related values. Newbury Park: Sage.
- Hofstede, G., Hofstede, G.J. & Minkov, M. (2010), *Cultures and Organizations: Software of the mind. Intercultural cooperation and its importance for survival*. New York: McGraw Hill.
- Hofstede, G. (2024), *Country Comparison Tool France*. Online via <https://www.hofstede-insights.com/country-comparison-tool?countries=france> (Accessed January 2024).
- Hume, D. (1757), *The Natural History of Religion*. Online via <https://oll.libertyfund.org/titles/robertson-the-natural-history-of-religion> (Accessed January 2024).
- Hurley, D. (2018), 'Can an Algorithm Tell me When Kids are in Danger?', *The New York Times Magazine*, Online via <https://www.nytimes.com/2018/01/02/magazine/can-an-algorithm-tell-when-kids-are-in-danger.html?smid=pl-share> (Accessed January 2024).
- IBM (2017), *IBM has proudly announced it managed to fit 30 million transistors into a space of a fingernail*. Online via <https://www.sciencealert.com/new-computer-chips-can-fit-30-million-transistors-on-your-fingertip> (Accessed January 2024).
- Ihde, D. (1990), *Technology and the lifeworld: From garden to earth*. Bloomington: Indiana University Press.
- International Telecommunications Union (2018), *Measuring the information Society Report*. Geneva: Switzerland. Online via <https://www.itu.int/en/ITU-D/Statistics/Documents/publications/misr2018/MISR-2018-Vol-1-E.pdf> (Accessed January 2024).
- Introna, L. & Nissenbaum, H. (2010), *Facial recognition technology a survey of policy and implementation issues*. Lancaster University Management School, Working Paper online via <https://eprints.lancs.ac.uk/id/eprint/49012/1/Document.pdf> (Accessed January 2024).
- Ison, S. & Budd, L. (2016), 'Parking', in Bliemer, M., Mulley, C. & Moutou, C. (eds.), *Handbook on Transport and Urban Planning in the Developed World* (pp.145-162). Cheltenham: Edward Elgar Publishing.
- Jacobsen, G. (2011), 'Class action filed over glitch jailing young people'. *The Sydney Morning Herald*, online via <https://www.smh.com.au/technology/class-action-filed-over-glitch-wrongly-jailing-young-people-20110608-1fs1h.html> (Accessed January 2024).
- Jarvis, D. (2007), 'Risk, globalisation and the state: A critical appraisal of Ulrich Beck and the world risk society thesis'. *Global society*, 21(1), pp.23-46.
- Jarvis, J. (2009), *What would Google do?*. New York: HarperCollins.
- Jensen, K. (1997), 'Studying law - A risky business'. *Young*, 5(1), pp.21-38.
- Joh, E. (2016), *Wrongful Arrest by Software*, Slate, online via <https://slate.com/technology/2016/12/software-problems-are-leading-to-wrongful-arrests.html> (Accessed January 2024).
- Johnson, D. & Gardner, J. (2009), 'Exploring mindlessness as an explanation for the media equation: a study of stereotyping in computer tutorials'. *Personal and Ubiquitous Computing*, 13(1), pp.151-163.
- Johnson, D. & Wetmore, J. (2021), *Technology and society: Building our sociotechnical future*. Cambridge: MIT Press.

LITERATURE

- Jongepier, F. (2020), 'Algoritmische autoriteit en epistemische onrechtvaardigheid', in De Ridder, J., Vliegenthart, R. & Zuure, J. (eds.), *Doen, durven of de waarheid?: Democratie in digitale tijden*. Amsterdam: Amsterdam University Press.
- Jopson, D. (2010), We'll sort out court computer debacle, Coalition pledges. The Sydney Morning Herald. Online via <https://www.smh.com.au/technology/well-sort-out-court-computer-debacle-coalition-pledges-20101228-199bx.html> (Accessed January 2024).
- JMIR (2024), JMIR-e-collection "Chatbots and Conversational Agents. Online via <https://www.jmir.org/themes/763-chatbots-and-conversational-agents> (Accessed January 2024).
- Juma, C. (2016). *Innovation and its enemies: Why people resist new technologies*. New York: Oxford University Press.
- Kahneman, D. & Tversky, A. (1973), 'On the psychology of prediction'. *Psychological review*, 80(4), pp.237-251.
- Kahneman, D. & Tversky, A. (1970), 'Prospect Theory. An Analysis of Decision Making Under Risk'. *Econometrica*, 47(2), pp.263-292.
- Kalman, I. (2015), "Don't blame me, it's just the computer telling me to do this": *Computer attribution and the discretionary authority of Canada Border Services Agency officers*. Halle/Salle: Max Planck Institute for Social Anthropology.
- Kekes, J. (2003), 'Pluralism and Moral Authority', in Chong, K. and Tan, S. and Ten, C. (eds.), *The Moral Circle and the Self: Chinese and Western Approaches* (pp.75-93). Chicago: Open Court.
- Kelman, H. C. & Hamilton, V.L. (1989), *Crimes of Obedience*. New Haven: Yale University Press.
- Keymolen, E. & Broeders, D. (2013), 'Innocence lost: Care and control in Digital Youth Care'. *The British Journal of Social Work*, 43(1), pp.41-63.
- Keymolen, E. (2016), Trust on the Line: a philosophical exploration of trust in the network era. PhD dissertation, Erasmus University Rotterdam. Online via <https://repub.eur.nl/pub/93210> (Accessed January 2024).
- Kilby, J. (2001), 'Turning Potential into Realities: The Invention of the Integrated Circuit'. *ChemPhysChem*, 2(8-9), pp.482-489.
- Kilham, W. & Mann, L. (1974), 'Level of destructive obedience as a function of transmitter and executant roles in the Milgram obedience paradigm'. *Journal of Personality and Social Psychology*, 29(5), pp. 696-702.
- Kitchin, R. (2014), *The data revolution: Big data, open data, data infrastructures and their consequences*. Thousand Oaks: Sage.
- Kleinrock, L. (2004), 'The Internet rules of engagement: then and now'. *Technology in Society*, 26(2-3), pp.193-207.
- Kockelkoren, P. (2007), Mediated Vision. Rotterdam: Veenman Publishers.
- Kohli, A., Markowitz, P. L. & Chavez, L. (2011), 'Secure communities by the numbers: An analysis of demographics and due process'. *Warren Institute of Law and Policy, UC Berkeley*. Online via https://indypendent.org/wp-content/uploads/2012/06/Secure_Communities_by_the_Numbers.pdf (Accessed January 2024).
- Koops, B. J. (2011), 'The (in) flexibility of techno-regulation and the case of purpose-binding'. *Legisprudence*, 5(2), pp. 171-194.
- Krieger, L. (1977), 'The idea of authority in the West'. *The American Historical Review*, 82(2), pp. 249-270.
- Kravits, D. (2014), *How Obama officials Cried 'terrorism' to cover up a paperwork error*. Wired. Online via <https://www.wired.com/2014/02/no-fly-coverup/> (Accessed January 2024).
- Kruglanski, A. W., Raviv, A., Bar-Tal, D., Raviv, A., Sharvit, K., Ellis, S. & Mannetti, L. (2005), 'Says who?: Epistemic authority effects in social judgment'. *Advances in experimental social psychology*, 37(1), pp. 345-392.
- Kumar, K. & Thakur, G. S. M. (2012), 'Advanced applications of neural networks and artificial intelligence: A review'. *International journal of information technology and computer science*, 4(6), 57-68.

- Kuflik, A. (1999), 'Computers in control: Rational transfer of authority or irresponsible abdication of autonomy?'. *Ethics and Information Technology*, 1(3), pp.173-184.
- Kurzweil, R. (2005), *The singularity is near*. New York: Viking Press.
- Ladd, J. (1989), 'Computers and Moral Responsibility', in Gould, C. (ed.), *The Information Web: Ethical and Social Implications of Computer Networking* (pp.207-228). Boulder: Westview Press.
- Langer, E. J., Blank, A. & Chanowitz, B. (1978), 'The mindlessness of ostensibly thoughtful action: The role of "placebic" information in interpersonal interaction'. *Journal of personality and social psychology*, 36(6), pp. 635-642.
- Langer, E. J. (1992), 'Matters of mind: Mindfulness/mindlessness in perspective'. *Consciousness and cognition*, 1(3), pp. 289-305.
- Langer, E.J (2000), 'Mindful Learning'. *Current Directions in Psychological Science*, 9(6), pp.220-223.
- Langer, E. J., & Moldoveanu, M. (2000), 'The Construct of Mindfulness'. *Journal of social issues*, 56(1), pp. 1-9.
- Langer, E., Pirson, M., & Delizonna, L. (2010). The mindlessness of social comparisons. *Psychology of Aesthetics, Creativity, and the Arts*, 4(2), pp. 68-74.
- Langer, E. J. (2014), *Mindfulness (25th Anniversary edition)*. Boston: Da Capo Press.
- Lankton, N. K., McKnight, D. H. & Tripp, J. (2015), 'Technology, humanness, and trust: Rethinking trust in technology'. *Journal of the Association for Information Systems*, 16(10), pp.880-918.
- Lareki, A., de Morentin, J. I. M., Altuna, J. & Amenabar, N. (2017), 'Teenagers' perception of risk behaviors regarding digital technologies'. *Computers in Human Behavior*, 68(1), pp. 395-402
- Latour, B. (1986), 'The powers of association'. In Law, J. (ed.), *Power, Action and Belief. A New Sociology of Knowledge?* London: Routledge and Kegan Paul.
- Latour, B. (1992), 'Where are the missing masses? The sociology of a few mundane artifacts', in Bijker, W. and Law, J. (eds.), *Shaping Technology/ Building Society: Studies in Socio-technical change* (pp. 225-258). Cambridge: MIT Press.
- Lee, E. J., Nass, C. & Brave, S. (2000), 'Can computer-generated speech have gender?: an experimental test of gender stereotype'. *Proceedings of the conference on Human factors in Computing Systems*. pp. 289-290.
- Lee, J. E. R. & Nass, C. (2010), 'Trust in computers: The computers-are-social-actors (CASA) paradigm and trustworthiness perception in human-computer communication', in Latusek, D. & Gerbasi, A. (eds.), *Trust and technology in a ubiquitous modern environment: Theoretical and methodological perspectives* (pp. 1-15). Hersey: IGI Global.
- Lee, K. M. & Nass, C. (2003), 'Designing social presence of social actors in human computer interaction'. *Proceedings of the conference on Human Factors in Computing Systems*. pp. 289-296.
- Lessig, L. (2006), *Code 2.0*. New York: Basic Books.
- Levi, B. G., von Hippel, F. N. & Daugherty, W. H. (1987), 'Civilian Casualties form" Limited" Nuclear Attacks on the USSR'. *International Security*, 12(3), pp. 168-189.
- Levy, D. (2007), *Love and Sex with Robots: The evolution of human-robot relationships*. New York: HarperCollins.
- Leenes, R. (2011), 'Framing techno-regulation: An exploration of state and non-state regulation by technology'. *Legisprudence*, 5(2), pp.143-169.
- Levenson, N. G., & Turner, C. S. (1993). An investigation of the Therac-25 accidents. *Computer*, 26(7), pp. 18-41.
- Lincoln, B. (1994). *Authority: Construction and corrosion*. Chicago: University of Chicago Press.
- Livingstone, S. (2009), *Children and the Internet*. Cambridge: Polity Press.
- Lupton, D. (2013), *Risk (2nd edition)*. New York: Routledge.
- Lupton, D. (2016), 'Digital risk society', in Burges, A. & Alemanno, A. & Zinn, J. (eds.), *Routledge Handbook of Risk studies* (pp. 301-309). New York: Routledge.
- Lupton, D. & Jutel, A. (2015), 'It's like having a physician in your pocket!' A critical analysis of self-diagnosis smartphone apps'. *Social Science & Medicine*, 133(1), pp. 128-135.

LITERATURE

- Lupton, D. & Tulloch, J. (1998), 'The adolescent 'unfinished body', reflexivity and HIV/AIDS risk'. *Body & Society*, 4(2), pp.19-34.
- Lustig, C. & Nardi, B. (2015), 'Algorithmic authority: The case of Bitcoin'. *International Conference on System Sciences*. pp. 743-752.
- Lustig, C., Pine, K., Nardi, B., Irani, L., Lee, M. K., Nafus, D., & Sandvig, C. (2016), 'Algorithmic authority: the ethics, politics, and economics of algorithms that interpret, decide, and manage'. *Proceedings of the conference on Human Factors in Computing Systems*. pp. 1057-1062.
- Machiavelli, N. (1513), *The Prince*. Translated by George Bull (2003), London: Penguin.
- Madhavan, P., Wiegmann, D. A. & Lacson, F. C. (2006), 'Automation failures on tasks easily performed by operators undermine trust in automated aids'. *Human factors*, 48(2), pp.241-256.
- Mallard, G. (2016), *Bounded Rationality and Behavioural Economics*. New York: Routledge.
- Mamalian, C.A. (2011), 'State of the Science of Pretrial Risk Assessment'. Pretrial Justice Institute. Online via <https://biblioteca.cejamericas.org/bitstream/handle/2015/5466/%5BPJI%5DStateoftheScienceofPretrialRiskAssessment%282011%29.pdf?sequence=1&isAllowed=y> (Accessed January 2024).
- Manzey, D., Reichenbach, J. & Onnasch, L. (2012), 'Human performance consequences of automated decision aids: The impact of degree of automation and system experience'. *Journal of Cognitive Engineering and Decision Making*, 6(1), pp.57-87.
- Marakas, G.M. (1998), *Decision Support Systems in the 21st century*. Upper Saddle River: Prentice Hall.
- Marshall, W. E. (2014), 'On-street parking', in Ison, S. & Mulley, C. (eds.), *Parking: Issues and Policies* (pp.361-381). Bingley: Emerald.
- Marx, G. (1995), 'The engineering of social control: The search for the silver bullet', in Hagan, J. & Peterson (eds.), *Crime and inequality* (pp.225-46). Stanford: Stanford University Press.
- Maslow, A. H. (1943), 'A theory of human motivation'. *Psychological review*, 50(4), pp.370-396.
- McBride, M., Carter, L. & Ntuen, C. (2012), 'The impact of personality on nurses' bias towards automated decision aid acceptance'. *International Journal of Information Systems and Change Management*, 6(2), pp.132-146.
- McGuire, W. J. (1961), 'Resistance to persuasion conferred by active and passive prior refutation of the same and alternative counterarguments'. *The Journal of Abnormal and Social Psychology*, 63(2), 326-332.
- McLaughlin, P. (2007). *Anarchism and authority: A philosophical introduction to classical anarchism*. New York: Routledge.
- McQuillan, D. (2016), 'Algorithmic paranoia and the convivial alternative'. *Big Data & Society*, 3(2), pp.1-12.
- Meeus, W. H. & Raaijmakers, Q. A. (1995), 'Obedience in modern society: The Utrecht studies'. *Journal of Social Issues*, 51(3), pp. 155-175.
- Meijer, A., Lorenz, L. & Wessels, M. (2021), 'Algorithmization of bureaucratic organizations: Using a practice lens to study how context shapes predictive policing systems'. *Public Administration Review*, 81(5), pp. 837-846.
- Mendes, J. R. (2021), 'Does the sustainability of the anthropocene technosphere imply an existential risk for our species? Thinking with Peter Haff'. *Social Sciences*, 10(8), pp.314-328.
- Merleau-Ponty, M. (1962), *Phenomenology of Perception*. New York: The Humanities Press.
- Merritt, S. M. & Ilgen, D. R. (2008), 'Not all trust is created equal: Dispositional and history-based trust in human-automation interactions'. *Human Factors*, 50(2), pp. 194-210.
- Merton, R. K. (1968). *Social theory and social structure*. New York: Simon and Schuster.
- Meyer, E. (2024), *The Culture Map: begrijp hoe mensen denken, leidinggeven en dingen bereiken binnen verschillende culturen (10th edition)*. Amsterdam: Business Contact.
- Milakovich, M. E. (2012). *Digital governance: New technologies for improving public service and participation*. New York: Routledge.
- Milgram, S. (1963), 'Behavioral study of obedience'. *The Journal of abnormal and social psychology*, 67(4), pp. 371-378.

- Milgram, S. (1973), 'The perils of obedience'. *Harper's Magazine*, 247(1483), pp. 62-78.
- Milgram, S. (1974), *Obedience to Authority: An Experimental View (Modern thought edition, 2009)*. New York: HarperCollins.
- Mill, J.S. (1832), *The collected works of John Stuart Mill, volume XXIII – newspaper writings august 1831 – October 1834 part II*, (eds.) Robson, A. & Robson, P. Toronto: University of Toronto Press.
- Miller, G. A. (1956), 'The magical number seven, plus or minus two: Some limits on our capacity for processing information'. *Psychological review*, 63(2), pp. 81-97.
- Miller, A. G. (1990), 'A perspective on Kelman and Hamilton's Crimes of obedience'. *Political Psychology*, 11(1), pp. 189–201.
- Möllering, G. (2006), Trust: Reason, Routine, Reflexivity. Oxford: Elsevier.
- Moon, Y. (2000), 'Intimate exchanges: Using computers to elicit self-disclosure from consumers'. *Journal of consumer research*, 26(4), pp. 323-339.
- Moon, Y. & Nass, C. (1996), 'How "real" are computer personalities? Psychological responses to personality types in human-computer interaction'. *Communication research*, 23(6), pp. 651-674.
- Moon, Y. & Nass, C. (1998), 'Are computers scapegoats? Attributions of responsibility in human-computer interaction'. *International Journal of Human-Computer Studies*, 49(1), pp. 79-94.
- Moore, G. E. (1965), 'Cramming more components onto integrated circuits'. *Electronics*, 38(8), pp.114-117.
- Mori, M. (1970). The uncanny valley. *Energy*, 7(4), pp. 33-35.
- Morozov, E. (2013), *To Save Everything, Click Here: Technology, Solutionism, and the Urge to Fix Problems that Don't Exist*. London: Allen Lane.
- Mosier, K. L. & Skitka, L. J. (1999), 'Automation use and automation bias'. *Proceedings of the Human Factors and Ergonomics Society Annual Meeting*, 43(3), pp. 344-348.
- Mosier, K. L. & Skitka, L. J. (2009), 'Human decision makers and automated decision aids: Made for each other?', in Parasuraman, R. & Mouloua, M. (eds.), *Automation and human performance: Theory and application* (pp. 201–220). Boca Raton: CRC Press.
- Mussweiler, T., Rüter, K. & Epstude, K. (2006), 'The why, who, and how of social comparison: A social-cognition perspective', in Guimond, S., *Social comparison and social psychology: Understanding cognition, intergroup relations, and culture* (pp.33-54). New York: Cambridge University Press.
- Nass, C. (2004), 'Etiquette equality: exhibitions and expectations of computer politeness'. *Communications of the ACM*, 47(4), pp. 35-37.
- Nass, C. & Gong, L. (1999), 'Maximized modality or constrained consistency?'. *International Conference on Auditory-Visual Speech Processing*. Online via <https://citeseerx.ist.psu.edu/document?repid=repl&type=pdf&doi=cf2c6ff5489392672228ddfb7007445347de63> (Accessed January 2024).
- Nass, C., & Lee, K. M. (2001), 'Does computer-synthesized speech manifest personality? Experimental tests of recognition, similarity-attraction, and consistency-attraction'. *Journal of experimental psychology: Applied*, 7(3), pp. 171-181.
- Nass, C. & Moon, Y. (2000), 'Machines and mindlessness: Social responses to computers'. *Journal of social issues*, 56(1), pp.81-103.
- Nass, C., Moon, Y. & Green, N. (1997), 'Are machines gender neutral? Gender-stereotypic responses to computers with voices'. *Journal of applied social psychology*, 27(10), pp. 864-876.
- Nass, C., Moon, Y., Morkes, J., Kim, E. and Fogg, B.J. (1997), 'Computers are Social Actors: A Review of Current Research', in Friedman, B. (ed.), *Human Values and the Design of Computer Technology* (pp. 137-162). Cambridge: Cambridge University Press.
- Nass, C., Reeves, B. & Leshner, G. (1996), 'Technology and roles: A tale of two TVs'. *Journal of Communication*, 46(2), pp.121-128.
- Nass, C. & Steuer, J. (1993), 'Voices, boxes, and sources of messages'. *Human Communication Research*, 19(4), pp. 504-527.

LITERATURE

- Nass, C., Steuer, J., Henriksen, L. & Dryer, D. C. (1994), 'Machines, social attributions, and ethopoeia: Performance assessments of computers subsequent to "self-" or "other-" evaluations'. *International Journal of Human-Computer Studies*, 40(3), pp. 543-559.
- Nass, C., Steuer, J., Tauber, E. & Reeder, H. (1993), 'Anthropomorphism, agency, and ethopoeia: computers as social actors. *Proceedings of the conference on Human factors in computing systems*. pp. 111-112.
- Nielsen, J. (2023), *Nielsen's law of internet bandwidth*. Online via <https://www.ngroup.com/articles/law-of-bandwidth/> (Accessed January 2024).
- Nissenbaum, H. (1994), 'Computing and accountability'. *Communications of the ACM*, 37(1), pp. 72-81.
- Noble, S.U. (2018), Algorithms of Oppression: How search engines reinforce racism. New York: New York University Press.
- Noflylistkids (2024), Online via <https://noflylistkids.ca/en/home/> (Accessed January 2024).
- Nordhaus, W. D. (2007), 'Two centuries of productivity growth in computing'. *The Journal of Economic History*, 67(1), pp.128-159.
- Noorman, M. (2023), Computing and Moral Responsibility. Online via <https://plato.stanford.edu/entries/computing-responsibility/> (Accessed January 2024).
- Norman, D. (2013). *The design of everyday things (Revised and expanded edition)*. New York: Basic Books.
- NOS (2017), Parkeren in de stad: pas op voor de scanauto. Online via <https://nos.nl/artikel/2156450-parkeren-in-de-stad-pas-op-voor-de-scanauto> (Accessed January 2024).
- NOS (2018), Pathé voor 19 miljoen euro opgelicht door nepmails 'hoofdkantoor'. Online via <https://nos.nl/artikel/2258662-pathé-voor-19-miljoen-euro-opgelicht-door-nepmails-hoofdkantoor> (Accessed January 2024).
- NOS (2019), *Schietverenigingen waarschuwen voor computertest bij afgifte wapenvergunning*. Online via <https://nos.nl/artikel/2304601-schietverenigingen-waarschuwen-voor-computertest-bij-afgifte-wapenvergunning> (Accessed January 2024).
- NOS (2021), *Problemen bij computersysteem dat uitkeringen regelt: 'Gaat al twee jaar fout'*. Online via <https://nos.nl/artikel/2383250-problemen-bij-computersysteem-dat-uitkeringen-regelt-gaat-al-twee-jaar-fout> (Accessed January 2024).
- Noyes, J., Cook, M., & Masakowski, Y. (2016), *Decision making in complex environments*. Abingdon: Routledge.
- NRC Handelsblad (1988), *Verkoper eist legitimatie van koning*. Online via https://www.nrc.nl/nieuws/1988/12/23/verkoper-eist-legitimatie-van-koning-kb_000030016-a3606435 (Accessed January 2024).
- NRC Handelsblad (2018), *Computer zegt Nee. Hoe Saskia twintig jaar vastliep in het systeem*. Online via <https://www.nrc.nl/nieuws/2018/06/01/die-auto-staat-wel-op-uw-naam-goeiedag-a1605121/> (Accessed January 2024).
- O'Neil, C. (2016). *Weapons of math destruction: How big data increases inequality and threatens democracy*. New York: Crown.
- Olson, J. E. (2003). *Data Quality: The Accuracy Dimension*. San Francisco: Morgan Kaufmann Publishers.
- Packer, D. J. (2008), 'Identifying systematic disobedience in Milgram's obedience experiments: A meta-analytic review'. *Perspectives on Psychological Science*, 3(4), pp. 301-304.
- Pacholke, D. (2016), Resignation letter Dan Pacholke to Governer Inslee. Online via <https://www.documentcloud.org/documents/2705087-Pacholke-Inslee-Letter.html> (Accessed January 2024).
- Padden, M. (2016), Corrections, water for Spokane Valley emerge as major topics. Online via <https://mikepadden.srcc.wastateleg.org/corrections-water-for-spokane-valley-emerge-as-major-topics-2/> (Accessed January 2024).
- Pak, R., Fink, N., Price, M., Bass, B. & Sturre, L. (2012), 'Decision support aids with anthropomorphic characteristics influence trust and performance in younger and older adults'. *Ergonomics*, 55(9), pp. 1059-1072.
- Parasuraman, R. & Manzey, D. H. (2010), 'Complacency and bias in human use of automation: An attentional integration'. *Human factors*, 52(3), pp. 381-410.
- Parasuraman, R. & Miller, C. A. (2004), 'Trust and etiquette in high-criticality automated systems'. *Communications of the ACM*, 47(4), pp. 51-55.

- Parasuraman, R. & Riley, V. (1997), 'Humans and automation: Use, misuse, disuse, Abuse'. *Human factors*, 39(2), pp. 230-253.
- Parasuraman, R., Sheridan, T. B. & Wickens, C. D. (2000), 'A model for types and levels of human interaction with automation'. *Transactions on systems, man, and cybernetics - part A: Systems and Humans*, 30(3), pp.286-297.
- Parkes, A. (2012), 'Persuasive decision support: Improving reliance on decision aids'. *Pacific Asia Journal of the Association for Information Systems*, 4(3), pp. 1-13.
- Parlementaire Ondervragingscommissie Kinderopvangtoeslag (2020), *Ongekend onrecht*. Online via https://www.tweedekeamer.nl/sites/default/files/atoms/files/20201217_eindverslag_parlementaire_ondervragingscommissie_kinderopvangtoeslag.pdf (Accessed January 2024).
- Peeters, R. & Schuilenburg, M. (2018), 'Machine Justice: Governing security through the bureaucracy of algorithms'. *Information Polity* 23(1), pp.267-280.
- Pérez-Perdomono, R. & Friedman, L. (2003), 'Legal cultures in the age of globalization', in Friedman, L. & Pérez-Perdomono, R. (eds.), *Legal Culture in the age of globalization: Latin America and Latin Europe* (pp.1-20). Stanford: Stanford University Press.
- Perinbanayagam, R. S. (1974), 'The definition of the situation: An analysis of the ethnomethodological and dramaturgical view'. *Sociological Quarterly*, 15(4), pp. 521-54
- Peters, R.S. (1958), 'Authority'. *Aristotelian Society, Supplementary Volumes*, 32(1), pp.207-224.
- Pew Research Center (2019), *Internet/Broadband Fact Sheet*. Online via <https://www.pewinternet.org/fact-sheet/internet-broadband/> (Accessed January 2024).
- Picard, R. W. (1997). *Affective computing*. Cambridge: MIT press.
- Pichai, S. (2018), *Artificial intelligence could be our savior, according to the CEO of Google*. Online via <https://www.weforum.org/agenda/2018/01/google-ceo-ai-will-be-bigger-than-electricity-or-fire/> (Accessed January 2024).
- Pierson, R. (1994), 'The Epistemic Authority of Expertise'. *PSA: Proceedings of the Biennial Meeting of the Philosophy of Science Association* 1(1), pp. 398-405.
- Pinizzotto, A. & Davis, E. (1992), 'Cop Killers and Their Victims'. *FBI Law Enforcement Bulletin*, 61(12), 9-11.
- Pinker, S. (2018), *Enlightenment Now: The case for reason, science, humanism and progress*. New York: Viking Press.
- Postman, N. (1993), *Technopoly: The surrender of culture to technology*. New York: Vintage Books.
- Prins, R. (2014), Safety First: How local processes of securitization have affected the position and role of Dutch mayors. PhD dissertation, Erasmus University Rotterdam. Online via <https://repub.eur.nl/pub/76918/> (Accessed January 2024).
- Pruitt, T. C. (2011), *Authority and the production of knowledge in archeology*. PhD dissertation, University of Cambridge. Online via <https://www.repository.cam.ac.uk/bitstreams/631159ca-3bfd-47a0-ae73-e5bf39496d81/download> (Accessed January 2024).
- Rainie, L. & Wellman, B. (2012), *Networked: The new social operating system*. Cambridge: MIT Press.
- Raz, J. (1990), *Authority*, New York: New York University Press.
- Reason, J. (1990), *Human Error*. Cambridge: Cambridge University Press.
- Reason, J. (1997). *Managing the risks of organizational accidents*. Abingdon: Routledge.
- Redden, J., Denick, L. & Warne, H. (2020), 'Datafied Child Welfare Services: unpacking politics, economics and power'. *Policy Studies*, 41(5), pp. 507-526.
- Reeves, B., & Nass, C. I. (1996), *The media equation: How people treat computers, television, and new media like real people and places*. Stanford: CSLI Publications.
- Reinsel, D. Gantz, J. & Rydning, J. (2017), Data Age 2025: The evolution of Data to Life-Critical. IDC Whitepaper. Online via <https://www.seagate.com/files/www-content/our-story/trends/files/Seagate-WP-DataAge2025-March-2017.pdf> (Accessed January 2024).

LITERATURE

- Reuters (2018), Wells Fargo faces tax credit probes, new problems with mortgage borrowers. Online via <https://www.reuters.com/article/us-wells-fargo-housing/wells-fargo-faces-tax-credit-probes-new-problems-with-mortgage-borrowers-idUSKBNKO2LE/> (Accessed January 2024).
- Rice, S. & Keller, D. (2009), 'Automation reliance under time pressure'. *Cognitive Technology*, 14(1), pp. 36-44.
- Richmond, M. (2015), 'The Etymology of Parking'. *Arnoldia*, 73(2), pp. 19-24.
- Rienks, R. (2015), *Predictive Policing: Kansen voor een veiligere toekomst*. Politieacademie. Online via <https://www.politieacademie.nl/kennisonderzoek/kennis/mediatheek/PDF/90696.PDF> (Accessed January 2024).
- Rittel, H. & Webber, M. (1973), 'Dilemmas in general theory of planning'. *Policy Sciences*, 4(1), pp.155-169.
- Riva, G., Vatalaro, F., Davide, F. & Alcaniz, M. (2005), *Ambient intelligence: The Evolution of Technology, Communication and Cognition Towards the Future of Human-Computer Interaction*. Amsterdam: IOS press.
- Robinette, P., Li, W., Allen, R., Howard, A. M. & Wagner, A. R. (2016), 'Overtrust of robots in emergency evacuation scenarios'. *International Conference on Human-Robot Interaction*. pp. 101-108.
- Rood, J. (2013), *Wat is er mis met gezag?*. Rotterdam: Lemniscaat.
- Rooksby, E. (2009), 'How to be a responsible slave: Managing the use of expert information Systems'. *Ethics and Information Technology*, 11(1), pp. 81-90.
- Rosalia, C., Menges, R., Deckers, I. & Bartneck, C. (2005), 'Cruelty towards Robots'. *Proceedings of the Robot Workshop - Designing Robot Applications for Everyday Use, Goteborg*. Online via https://www.researchgate.net/profile/Christoph-Bartneck/publication/200508195_Cruelty_towards_robots/links/569574608eab58950ac3/Cruelty-towards-robots.pdf (Accessed January 2024).
- Rosling, H., Rosling, O. & Rosling- Rönnlund, A. (2019), *Factfulness: Ten reasons we're wrong about the world – and why things are better than you think*. London: Sceptre.
- Ross J. M. (2008). Moderators of trust and reliance across multiple decision aids. PhD dissertation, University of Central Florida. Online via <https://stars.library.ucf.edu/etd/3754/> (Accessed January 2024).
- Roubroeks, M. A. (2014), *Understanding social responses to artificial agents: building blocks for persuasive technology*. PhD dissertation, Eindhoven University of Technology. Online via <https://pure.tue.nl/ws/portalfiles/portal/3783290/774470.pdf> (Accessed January 2024).
- Russel, S. & Norvig, P. (2021), *Artificial Intelligence. A Modern Approach (4th edition)*. London: Pearson.
- Sagarin, B. J., Cialdini, R. B., Rice, W. E. & Serna, S. B. (2002), 'Dispelling the illusion of invulnerability: the motivations and mechanisms of resistance to persuasion'. *Journal of personality and social psychology*, 83(3), pp.526-541.
- Sagarin, B. J., & Wood, S. E. (2007), 'Resistance to influence', in Pratkanis, A. (ed.), *The science of social influence: Advances and future progress* (pp.321-340). New York: Psychology Press.
- Salinger, M. (2010), 'Behavioral economics, consumer protection, and antitrust'. *Competition Policy International*, 6(1), pp.65-86.
- Salovey, P. & Mayer, J. D. (1990), 'Emotional intelligence'. *Imagination, cognition and personality*, 9(3), pp.185-211.
- Sanchez, J. Rogers, W. A., Fisk, A. D., & Rovira, E. (2014), 'Understanding reliance on automation: effects of error type, error distribution, age and experience'. *Theoretical issues in ergonomics science*, 15(2), pp.134-160.
- Sandberg, A. & Bostrom, N. (2006a), 'Converging Cognitive Enhancements'. *Annals of the New York Academy of Sciences*, 1093(1), pp. 201-227.
- Sandberg, A. & Bostrom, N. (2006b), 'Cognitive enhancement: a review of technology'. Online via https://www.researchgate.net/profile/Anders-Sandberg-2/publication/240711096_Cognitive_Enhancement_A_Review_of_Technology/links/0c9605305e3cddec0f8000000/Cognitive-Enhancement-A-Review-of-Technology.pdf (Accessed January 2024).
- Sauer, S., Walach, H., Schmidt, S., Hinterberger, T., Lynch, S., Büssing, A. & Kohls, N. (2013), 'Assessment of mindfulness: Review on state of the art'. *Mindfulness*, 4(1), pp. 3-17.

- Schakel, J. K., Rienks, R. & Ruissen, R. (2013), 'Knowledge-Based Policing: Augmenting Reality with Respect for Privacy', in Custers, B., Schermer, B. & Zarsky, T. (eds.), *Discrimination and Privacy in the Information Society* (pp. 171-189). Heidelberg: Springer.
- Schank, R. C. (1975), 'Using knowledge to understand', in Schank, R.C. & Nash-Weber, B (eds.), *Theoretical issues in natural language processing* (pp. 117-121). Arlington: Tinlap Press.
- Schank, R.C. (1995), *What we learn by doing*. Technical Report No. 60, Northwestern University, Institute for Learning Sciences. Online via https://web-archive.southampton.ac.uk/cogprints.org/637/1/LearnbyDoing_Schank.html?__hstc=245426011.6f51aad28a6d480b0896ec071bae-4c3d.1394496000020.1394496000021.1394496000022.1&__hssc=245426011.1.1394496000023&__hsfp=3077594379 (Accessed January 2024).
- Schank, R.C. & Abelson, R.P. (1977), *Scripts, Plans, Goals and Understanding*. New Jersey: Lawrence Erlbaum Associates.
- Scherer, M. U. (2016), 'Regulating artificial intelligence systems: Risks, challenges, competencies, and strategies'. *Harvard Journal of Law & Technology*, 29(2), pp. 353-400.
- Schwarz, E. (2007), 'Hybridity and humility: What of the human in posthuman security?', in Eroukmanhoff, C. & Harker, M. (eds.), *Reflections on the Posthuman in International Relations* (pp.29-39). Bristol: E-International Relations Publishing.
- Scott, J. (2020), *Seeing like a state: How certain schemes to improve the human condition have failed*. New Haven: Yale University Press.
- Searle, J. R. (1980), 'The intentionality of intention and action'. *Cognitive science*, 4(1), pp.47-70.
- Sennett, R. (1981), *Authority*. New York: Vintage Books.
- Sharkey, J. (2008), 'Not to Small to Appear on a Big No-Fly Watch List'. *The New York Times*. Online via <https://www.nytimes.com/2008/09/30/business/30road.html> (Accessed January 2024).
- Shoup, D. (2011), *The high cost of free parking*. New York: Routledge.
- Simon, H. (1972), 'Theories of Bounded Rationality', in McGuire, C.B. and Radner, R. (eds.), *Decision and Organization* (pp.161-176). Elsevier, Amsterdam.
- Simon, H. (1997), *Administrative Behavior: A Study of Decision-Making Processes In Administrative Organizations*. New York: The Free Press.
- Skinner, B. F. (1969). *Contingencies of reinforcement: A theoretical analysis*. New York: Appleton-Century-Crofts.
- Skitka, L. J., Mosier, K. L. & Burdick, M. (1999), 'Does automation bias decision-making?'. *International Journal of Human-Computer Studies*, 51(5), pp. 991-1006.
- Skitka, L. J., Mosier, K. & Burdick, M. D. (2000), 'Accountability and automation Bias'. *International Journal of Human-Computer Studies*, 52(4), pp.701-717.
- Skitka, L. J., Mosier, K. L., Burdick, M. & Rosenblatt, B. (2000), 'Automation bias and errors: are crews better than individuals?'. *The International journal of aviation psychology*, 10(1), pp.85-97.
- Snapper, J. W. (1985). Responsibility for computer-based errors. *Metaphilosophy*, 16(4), pp. 289-295.
- Snellen, I. (1998), 'Street Level Bureaucracy in an Information Age', in Snellen, I. & Van de Donk, W. (eds.), *Public Administration in an Information Age. A Handbook* (pp.497-505). Amsterdam: IOS press.
- Spain, R. D. & Madhavan, P. (2009), 'The role of automation etiquette and pedigree in trust and dependence'. *Proceedings of the Human Factors and Ergonomics Society Annual Meeting*, 53(4), pp. 339-343.
- Spiegel (2010), *Der Mann, der den dritten Weltkrieg verhinderte*. Online via <http://www.spiegel.de/einestages/vergessener-held-a-948852.html> (Accessed January 2024).
- Starr, S. B. (2015), 'The risk assessment era: An overdue debate'. *Federal Sentencing Reporter*, 27(4), pp.205-206.
- Stevenson, M. (2018), 'Assessing risk assessment in action'. *Minnesota Law Review*, 103, pp.303-384.
- Suchman, L. (2007), *Human-Machine Reconfigurations: Plans and Situated Actions*. New York: Cambridge University Press.

LITERATURE

- Sundar, S. & Nass, C. (2000), 'Source orientation in human-computer interaction: Programmer, networker, or independent social actor'. *Communication research*, 27(6), pp.683-703.
- Supreme Court of Kentucky (2011), *Order Approving Judicial Guidelines for Pretrial Release and Monitored Conditional Release*. Online via https://kycourts.gov/courts/supreme/Rules_Procedures/201112.pdf (Accessed January 2023).
- Susskind, J. (2018), *Future politics: Living together in a world transformed by tech*. Oxford: Oxford University Press.
- Susskind, R. E., & Susskind, D. (2015), *The future of the professions: How technology will transform the work of human experts*. Oxford: Oxford University Press.
- Swierstra, T. (1997), 'From critique to responsibility: the ethical turn in the technology debate'. *Society for Philosophy and Technology*, 3(1), pp. 45-48.
- Swierstra, T. (2013), 'Nanotechnology and Technomoral Change'. *Ethica E Politica*, 15(1), pp.200-219.
- Szalma, J. L. & Taylor, G. S. (2011), 'Individual differences in response to automation: The five-factor model of personality'. *Journal of Experimental Psychology: Applied*, 17(2), pp.71-96.
- Szaniawski, K. (1980), 'Philosophy of decision making'. *Acta Psychologica*, 45(1), pp. 327-341.
- Tang, Y.P., Shimizu, E., Dube, G.R., Rampon, C., Kerchner, G.A., Zhou, M., Liu, G. & Tsien, J.Z. (1999), 'Genetic enhancement of learning and memory in mice'. *Nature*, 401(6748), pp.63-69.
- Tenner, E. (1997). *Why things bite back: Technology and the Revenge of Unintended Consequences*. London: Fourth Estate.
- Thaler, R. & Sunstein, R. (2008), *Nudge: Improving decisions about health, wealth and happiness*. London: Penguin.
- The Daily Mail (2019), *British driver, 81, heading to see the Pope ends up a thousands miles away in Germany after typing 'Rom' not 'Rome' into his satnav*. Online via <https://www.dailymail.co.uk/news/article-7075333/British-driver-81-heading-Rome-Pope-ends-GERMANY.html> (Accessed January 2024).
- The Daily Mail (2022), *Now that's eye-catching! Scientists develop a smartphone app that can detect signs of neurological conditions including Alzheimer's and ADHD based on selfie of your EYE*. Online via <https://www.dailymail.co.uk/sciencetech/article-10777751/Smartphone-app-detect-signs-Alzheimers-ADHD-based-selfie-EYE.html> (Accessed January 2024).
- The Guardian (2023), *New artificial intelligence tool can accurately identify cancer*. Online via <https://www.theguardian.com/society/2023/apr/30/artificial-intelligence-tool-identify-cancer-ai> (Accessed January 2024).
- The New York Times (1983), *Regan Denounces Ideology of Soviet as "Focus of Evil"*. Online via <https://www.nytimes.com/1983/03/09/us/reagan-denounces-ideology-of-soviet-as-focus-of-evil.html> (Accessed January 2024).
- The New York Times (2006), *Jumping Through Hoops to Get Off The No-Fly List*, Online via <https://www.nytimes.com/2006/02/14/business/jumping-through-hoops-to-get-off-the-nofly-list.html> (Accessed January 2024).
- The Telegraph (2007), *Hawk-eye system under the microscope*. Online via <https://www.telegraph.co.uk/sport/tennis/wimbledon/2316731/Hawk-Eye-system-goes-under-the-microscope.html> (Accessed January 2024).
- The Wall Street Journal (2016), *Email Pioneer Ray Tomlinson stayed Humble*. Online via <https://www.wsj.com/articles/email-pioneer-ray-tomlinson-stayed-humble-1457605800> (Accessed January 2024).
- The Washington Post (1999), *'I had a Funny Feeling in my Gut'*, Online via <http://www.washingtonpost.com/wp-srv/inatl/longterm/coldwar/shatter021099b.htm> (Accessed January 2024).
- The Washington Times (2008), *Air Marshals Grounded in List Mix-ups*. Online via <https://www.washingtontimes.com/news/2008/apr/30/air-marshals-grounded-in-list-mix-ups/> (Accessed January 2024).
- The Washington Post (2015), *How directions on the Waze app led to death in Brazil's favelas*. Online via <https://www.washingtonpost.com/news/worldviews/wp/2015/10/05/how-directions-on-the-waze-app-led-to-death-in-brazils-favelas/> (Accessed January 2024).

The Washington Post (2022), *The Google Engineer who thinks the company's AI has come to life*. Online via <https://www.washingtonpost.com/technology/2022/06/11/google-ai-lamda-blake-lemoine/> (Accessed January 2024).

The Washington Post (2023), *AI Poses 'Risk of Extinction on par with Nukes', tech leaders warn*. Online via <https://www.washingtonpost.com/business/2023/05/30/ai-poses-risk-extinction-industry-leaders-warn/> (Accessed January 2024).

Thomas, W. I. (1923). *The unadjusted girl*. Boston: Little Brown.

Thorndike, R.L. & S. Stein (1937), 'An Evaluation of the Attempts to Measure Social Intelligence'. *Psychological Bulletin*, 34(5), pp. 275-285.

Tokmetzis, D. (2012), *De digitale schaduw: hoe het verlies van privacy en de opkomst van digitale profielen uw leven beïnvloeden*. Amsterdam: Spectrum.

Turkle, S. (2005), *The Second Self: Computers and the Human Spirit*. Cambridge: MIT Press.

Turing, A. (1948), *Intelligent Machinery*. Online via <https://www.npl.co.uk/getattachment/about-us/History/Famous-faces/Alan-Turing/80916595-Intelligent-Machinery.pdf> (Accessed January 2024).

Tversky, A. & Kahneman, D. (1973), 'Availability: A heuristic for judging frequency and probability'. *Cognitive Psychology*, 5(2), pp.207-232.

United Nations (2019), *Brief by the United Nations Special Rapporteur on extreme poverty and human rights as Amicus Curiae in the case of NJCM c.s./De Staat der Nederlanden (Syri) before the District Court of The Hague (case number : C/09/550982/H.A ZA 18/388)*. Online via <https://www.ohchr.org/sites/default/files/Documents/Issues/Poverty/Amicusfinalversionsigned.pdf> (Accessed January 2024).

United Nations (2023), *Technology and Innovation Report 2023. United Nations Conference on Trade and Development (UNCTAD)*. Online via <https://unctad.org/tir2023> (Accessed January 2024).

Van Boeckel, J. (2015), 'Never mind where, so long as it's fast: Jacques Ellul and La Technique'. *Techné*, 8(1), pp.214-229.

Van de Voort, M., Pieters, W. & Consoli, L. (2015), 'Refining the ethics of computer-made decisions: a classification of moral mediation by ubiquitous machines'. *Ethics and Information Technology*, 17(1), pp. 41-56.

Van den Berg, B. (2009), *The situated self: Identity in a world of Ambient Intelligence*. PhD dissertation, Erasmus University Rotterdam. Online via <https://repub.eur.nl/pub/15586> (Accessed January 2024).

Van den Berg, B. (2011), 'Techno-elicitation: Regulating behaviour through the design of robots', in Van den Berg, B. & Klaming, L. (eds.), *Technologies on the stand: Legal and ethical questions in neuroscience and robotics* (pp.403-422). Nijmegen: Wolf Legal Publishers.

Van den Berg, B. & Leenes, R.E. (2013), 'Abort, retry, fail: Scoping techno-regulation and other techno-effects', in Hildebrandt M. & Gakeer J. (eds.), *Human Law and Computer Law: Comparative Perspectives* (pp. 67-89). Heidelberg: Springer.

Van den Berg, B., & Keymolen, E. (2017), 'Regulating security on the Internet: control versus trust'. *International Review of Law, Computers & Technology*, 31(2), pp.188-205.

Van den Hoven, M. J. (1998), 'Moral responsibility, Public Office and Information Technology', in Snellen, I. & Van de Donk, W. (eds.), *Public Administration in an Information Age. A Handbook* (pp. 97-112). Amsterdam: IOS press.

Van der Linden, S., Leiserowitz, A., Rosenthal, S. & Maibach, E. (2017), 'Inoculating the public against misinformation about climate change'. *Global Challenges*, 1(2), pp.1-7.

Van Eck, M. (2018), *Geautomatiseerde ketenbesluiten & rechtsbescherming: Een onderzoek naar de praktijk van geautomatiseerde ketenbesluiten over een financieel belang in relatie tot rechtsbescherming*. PhD dissertation, Tilburg University. Online via https://pure.uvt.nl/ws/portalfiles/portal/20399771/Van_Eck_Geautomatiseerde_ketenbesluiten.pdf (Accessed January 2024).

Vedder, A. & Klaming, L. (2010), 'Human enhancement for the common good - Using neurotechnologies to improve eyewitness memory'. *AJOB Neuroscience*, 1(3), pp.22-33.

Verbeek, P. P. (2005). *What things do: Philosophical reflections on technology, agency, and design*. Pennsylvania: The Pennsylvania State University Press.

LITERATURE

- Verbeek, P. P. (2006a), 'Materializing morality: Design ethics and technological mediation'. *Science, Technology, & Human Values*, 31(3), pp. 361-380.
- Verbeek, P. P. (2006b). Persuasive Technology and Moral Responsibility Toward an ethical framework for persuasive technologies. *International conference on persuasive technology for human well-being*. pp. 1-15.
- Verbeek, P.P. (2008), 'Cyborg intentionality: Rethinking the phenomenology of human-technology relations'. *Phenomenology and the Cognitive Sciences*, 7(3), pp. 387-395.
- Verbeek, P.P. (2011), *Moralizing Technology: Understanding and Designing the Morality of Things*. Chicago: The University of Chicago Press.
- Verbeek, P.P. (2015), 'Beyond Interaction: a short introduction to mediation theory'. *Interactions*, 22(3), pp. 26-31.
- Vitali-Rosati, M. (2018). *On editorialization: Structuring space and authority in the digital age*. Amsterdam: Institute of Network Cultures.
- Volkova, M. & Pruel, N. (2019), 'The leading role of expert communities in modern organizations'. *International Conference on Social, Economic, and Academic Leadership*, pp. 52-56.
- Wachter, R. (2015). *The Digital Doctor: Hope, Hype and at the Dawn of Medicines Computer Age*. New York: Mcgraw-Hill.
- Wachter-Boettcher, S. (2017). *Technically wrong: Sexist apps, biased algorithms, and other threats of toxic tech*. New York: WW Norton & Company.
- Walldrop, M. (2016), 'The chips are down for Moore's law'. *Nature*, 530(7589), pp. 144-147.
- Wang, L., Jamieson, G. A. & Hollands, J. G. (2009), 'Trust and reliance on an automated combat identification system: The role of aid reliability and reliability disclosure'. *Proceedings of the Human Factors and Ergonomics Society Annual Meeting*, 51(3), pp. 281-291.
- Washington Governor (2015), *Inslee announces immediate actions to fix 13-year-old sentencing errors discovered at state prisons*. Online via <https://governor.wa.gov/news/2015/inslee-announces-immediate-actions-fix-13-year-old-sentencing-errors-discovered-state-prisons> (Accessed January 2024).
- Watt, E.D. (1982), *Authority*. London: Croom Helm.
- Waytz, A., Cacioppo, J. & Epley, N. (2010), 'Who sees human? The stability and importance of individual differences in anthropomorphism'. *Perspectives on Psychological Science*, 5(3), pp.219-232.
- Waytz, A., Heafner, J. & Epley, N. (2014), 'The mind in the machine: Anthropomorphism increases trust in an autonomous vehicle'. *Journal of Experimental Social Psychology*, 52(1), pp. 113-117.
- Weber, M. (1919), 'Politics as Vocation', in Morgan, M. L. (ed.) (2011), *Classics of moral and political theory*. (pp. 1324-1360). Indianapolis: Hackett Publishing.
- Weizenbaum, J. (1976), *Computer Power and Human Reason: From Judgement to Calculation*. New York: W.H. Freeman and Company.
- Western, J. (2016), 'What is Global in Security Studies?'. *Journal of global security studies*, 1(1), pp. 99-101.
- Widlak, A. & Peters, R. (2018), *De digitale kooi: administratieve uitsluiting door informatiearchitectuur in de Basisregistratie Personen*. Den Haag: Boom Bestuurskunde.
- Williamson, B. (2015), 'Governing software: Networks, databases and algorithmic power in the digital governance of public education'. *Learning, Media and Technology*, 40(1), pp.83-105.
- Wilson, P. (1983), *Second-hand knowledge: An inquiry into cognitive authority*. Westport: Greenwood Press.
- Winner, L. (1978), Autonomous Technology: Technics-out-of-control as a Theme in Political Thought. Cambridge: MIT Press.
- Winner, L. (1986), *The Whale and The Reactor: A Search for Limits in an Age of High Technology* (2nd edition, 2020). Chicago: The University of Chicago Press.
- Winograd, T. & Flores, F. (1986), *Understanding Computers and Cognition: A new foundation for design*. New York: Ablex Publishing.
- Wolff, R.P. (1990), 'The conflict between Authority and Autonomy', in Raz. J. (ed.), *Authority* (pp. 115-142). New York: New York University Press.

- Wood, J. & Shearing, C. (2007), *Imaging Security*. Uffculme: Willan Publishing.
- Woods, D. (2009), 'Decomposing Automation: Apparent Simplicity, Real Complexity', in Parasuraman, R. & Mouloua, M. (eds.), *Automation and human performance: Theory and application* (pp. 3-19). Boca Raton: CRC Press
- Workman, M. (2005), 'Expert decision support system use, disuse, and misuse: a study using the theory of planned behavior'. *Computers in Human Behavior*, 21(2), pp. 211-231.
- World Economic Forum (2018), *8 ways AI can help save the planet*. Online via <https://www.weforum.org/agenda/2018/01/8-ways-ai-can-help-save-the-planet/> (Accessed January 2024).
- Yudkowsky, E. (2023), 'Pausing AI developments isn't enough. We need to shut it all down'. *Time Magazine*. Online via <https://time.com/6266923/ai-eliezer-yudkowsky-open-letter-not-enough> (Accessed January 2024).
- Zack, M. H. (2007), 'The role of decision support systems in an indeterminate world'. *Decision Support Systems*, 43(4), pp. 1664-1674.
- Zavrnik, A. (2021), 'Algorithmic justice: Algorithms and big data in criminal justice settings'. *European Journal of criminology*, 18(5), pp. 623-642.
- Zedner, L. (2003), 'The concept of Security: an Agenda for Comparative Analysis'. *Legal Studies*, 23(1), pp. 153-175.
- Zhang, C. & Lu, Y. (2021), 'Study on artificial intelligence: The state of the art and future prospects'. *Journal of Industrial Information Integration*, 23(1), pp.1-9.
- Zickuhr, K. (2013), 'Who's not online and why'. *Pew Research Center*. Online via <https://www.pewresearch.org/internet/2013/09/25/whos-not-online-and-why/> (Accessed January 2024).
- Zuurmond, A. (1998), 'From Bureaucracy to Infocracy; Are Democratic Institutions Lagging Behind?', in Snellen, I. & Van de Donk, W. (eds.), *Public Administration in an Information Age. A Handbook* (pp.259-271). Amsterdam: IOS press.

A | ABOUT

C.V. DAAN WEGGEMANS

Education

Master Political Theory – Radboud University Nijmegen	2008 – 2010
Bachelor Political Science – Radboud University	2005 – 2008
Pre-Master Sociology – Radboud University	2006 – 2008
VWO – RSG Slingerbos Levant - Harderwijk	1998 - 2005

Daan Weggemans (1986) studied Political Science at the Radboud University in Nijmegen (2005-2010).

From 2010-2016, he worked at Leiden University's Centre for Terrorism and Counterterrorism (CTC) and as a research fellow at the International Center for Counterterrorism (ICCT) in The Hague. During this period, he co-authored a book on the reintegration of extremists, worked on a databank on terrorist organisations with the National Coordinator for Counterterrorism (NCTV) and published several articles on contemporary security technologies and terrorism. He also served as an expert for the Dutch Court, the European Union, the Dutch Senate, and in various media outlets.

In 2016, he joined the Institute of Security and Global Affairs (ISGA) within the Faculty of Governance of Global and Global Affairs (FGGA) at Leiden University. Here he conducted his PhD research funded by the municipality of The Hague and was part of the Cyber Security Governance research group. At ISGA he also taught several interdisciplinary courses on contemporary security. During this time, he received research grants for projects on interdisciplinary education (NWO), families of foreign fighters (WODC) and intergenerational transmission of extremism (Ministry of Justice and Security). In 2018 he was appointed fellow at the National Support Center for Extremism (LSE).

ABOUT

From 2020-2024, he served as the director of the BA Security Studies and played a role in the design and development of the Bachelor Cybersecurity and Cybercrime. In 2023, he was appointed as a Leiden Teaching Fellow (LTA) and an expert member in commissions on knowledge security and monitoring of diversity and inclusion. He is also in the board of directors of the BA Cybersecurity and Cybercrime, and part of the editorial board for a book series on Digital Security.

KEY PUBLICATIONS

Broeders, D., Cristiano, F. & Weggemans, D. (2023), 'Too close for comfort: cyber terrorism and information security across national policies and international diplomacy'. *Studies in Conflict & Terrorism*, 46(12), pp. 2426-2453.

Liem, M., & Weggemans, D. (2018), 'Reintegration among high-profile ex-offenders'. *Journal of developmental and life-course criminology*, 4(4), pp. 473-490.

Weggemans, D.J. & De Graaf, B.A. (2016), *Reintegrating Jihadist Extremist Detainees: The challenge of helping former extremists back into society*. London: Routledge.

Weggemans, D. (2015), 'Ik heb niets te verbergen'. VWO Staatsexamen Nederlands. *Centraal Instituut voor Toets Ontwikkeling* (CITO).

Weggemans, D.J., Bakker, E. & Grol, P. (2014), 'Who are they and why do they go? The radicalization and preparatory processes of Dutch Jihadist foreign fighters'. *Perspectives on Terrorism*, 8(4), pp. 100-110.

Eijkman Q.A.M. & Weggemans D.J. (2013), 'Open source intelligence and privacy dilemmas: Is it time to reassess state accountability?'. *Security and Human Rights*, 23(4), pp. 285-296.

Eijkman, Q.A.M. & Weggemans, D.J. (2011), 'Visual Surveillance and the Prevention of Terrorism: What about the checks and balances?'. *International Review of Law, Computer & Technology*, 2(3), pp. 143-150.