

Index

1844 Manuscripts 115–17
2312 (Robinson) 26

abstract labour 136
abstraction 66
abyssal view 8
Accelerando (Stross) 27, 137
accelerationist view 7 *see also*
 maximalist view
Accenture 59, 73
accumulation 31, 43, 44, 141, 143
actually-existing AI 10, 11–12
actually-existing AI-capitalism 2, 21,
 50, 51*tab*, 146
Adami, Christoph 126
adaptability 118, 119, 124–5, 126
advertising 33, 37, 98–9, 100
affect 64, 66
agency 139
AGI (artificial general intelligence)
 concept of 10, 110, 111–13
 Marxist theory and 130–8
 narrow AI approaches to 127–9
 Neoreaction and 157–8
 personification of capital and 138–9
 projects on 1, 113–14
 proletarianization of 135–8
 surplus population and 140–4
AI (artificial intelligence)
 actually-existing AI 10, 11–12
 communist orientation to 146–56,
 160–2, 166*n*1
 definitions and types 9–15
 ‘democratization’ of 52–6
 goal of 3, 9, 32
 key players 32–8, 38–42
 as technical fix to capital’s problems
 71–2, 73, 74–5
 see also ML (machine learning)

‘AI Apocalypse Now’ view 87–8, 91,
 142

AI Effect 9

AI Safety movement 44–5

AI science fiction 24–8

Alexa 34, 58, 140

Algorithmic Justice League 105

algorithms

 common current uses of 33, 36–8

 discrimination and 86–7, 95–6,

 104, 105–6, 164*n*2

 for hiring workers 92, 95–6

 model building and deployment

 76–9

 resistance to 104–6

 for workplace surveillance 92–4

Allstate insurance 83

Alpaydin, Ethem 114, 127

Alphabet *see* Google/Alphabet

AlphaGo 14, 37, 88, 120–1, 123

Amazon

 AI-based products, range of 37

 Alexa 34, 58, 140

 automated stores 59–60, 61–2, 85

 crowd sourcing platform of 78

 employee resistance at 101–2, 103

 fulfilment centres of 84–5, 93,

 101–2

 Web Services (cloud) 42, 53

ambient intelligence 57–62

Andreessen, Marc 150

Android operating system 37, 54–5,

 99

androids 26, 68, 131, 137

animals 115–20, 165*n*9

Apache 2.0 53

Apple 33, 36, 38, 74, 163*n*2

artificial general intelligence *see* AGI

artificial intelligence *see* AI

- artificial neural networks (ANNs) 13, 166n13
 convolutional 120
 deep 76, 120
 generative 123
 generative adversarial network 65
 recurrent 58
 recursive cortical network 123
- Ashton, Kevin 56–7
- ASI (artificial superintelligence) 10–11
- ‘augmentation’ euphemism 83, 90
- augmented reality (AR) 33
- automata (historic) 130–1
- automated luxury communism 146–7
- AutoML 129–30
- autonomist Marxism 69–75, 155–6
- autonomous vehicles 33, 42–3, 45, 81, 82–3
- Azure cloud service 42
- Baidu 33, 35, 42, 53–4, 80
- Banks, Ian 26
- Bastani, Aaron 6
- Baum, Seth D. 11, 113–14, 165n5, 165n6
- BAYOU ML 79
- Benanav, Aaron 141–2
- Bennett, Jane 161
- Benton, Ted 119
- Bernes, Jasper 147–9, 153
- Bezos, Jeff 1
- Blade Runner* 25–6
- Boeing 159
- Bost, Matthew W. 67
- Bostrom, Nick 11, 129, 151
- Bratton, Benjamin 112, 152
- Brexit 101
- Brin, Sergey 1, 4, 37
- Brooks, Rodney 12
- Brynjolfsson, Erik 87–8
- bubbles 44–6
- ‘Business-as-Usual’ view 87, 88–9, 91, 109, 142
- business investment, since 2008 crash 45–6, 80
- Caffe2 53
- Caffentzis, George 19, 23–4, 132
- call centres 83–4, 93
- Cambridge Analytica 100
- Čapek, Karel 133–5
- capital
 AI as technical fix for problems of 71–2, 73, 74–5
 circulating 70–4, 79–80, 82–7
 constant 15–21
 falling rate of profit and 17–18, 19
 fixed 15–21, 16, 63–4, 69–70, 79–80, 133, 134, 137, 163n5, 164n5
 freedom from 155–6
 humans, emancipation from 7, 32, 111, 140–4, 145, 149, 157–9
 organic composition of 17, 19, 24, 141, 155
 personification of 138–9
 state support of 38–42
 variable 15, 17, 18, 69–70, 138–9
- CAPTCHA codes 122–3, 124
- caregiving 95
- casino workers 68
- chatbots 58–9, 60, 83, 92
- chess (Deep Blue) 12, 36, 127
- China
 AI development by 40–1, 80
 automated stores in 85
 communist views of AI in 166n1
 labour issues in 74, 81
 resistance in 102
 US competition with 35, 40–1
- Chinese Room experiment 11, 126
- choice (by humans), replacement of 56–8, 98, 140, 145
- circulation of capital 70–4, 79–80, 82–7
- citizens’ income (universal basic income, UBI) 6, 143, 146, 150–1
- citizenship 137
- class composition 69–75, 79
- class conflict 16–17, 101
- class power 69, 73
- Clegg, John 141–2

- closed source creep 54–6
 cloud (the) 42–3
 CNN (convolutional neural networks) 120, 165n12
 CNTK 53
 Cockshott, Paul 119, 125
 cognition
 ambient intelligence and 58–60
 ANNs and 13
 GOFAI and 11–12
 human, as a restraint 52, 57
 Marx on 117–18, 119
 means of 31, 62–7
 SED and 12
 use of term 31, 52
 cognitive capitalism 31, 63 *see also*
 post-Fordism
 Collins, Harry 24–5
 commodities 132–4, 137–8
 communication 58–60, 65 *see also*
 replacement: of human
 interaction
 communism of capitalism 56
 communist orientation to AI 149–56,
 160–2, 166n1
 competition 17
 compulsion 135
 concentration 41, 42, 43–4, 107–8
 consciousness 11, 113, 116–17, 126–7,
 139
 constant vs fixed capital 15–21
 consumption 17, 18 *see also*
 circulation of capital
 content moderation 78
 control function 23
 convolutional neural networks (CNN)
 120, 165n12
 Cook, Mike 25
 corvée 135
 creativity 110, 117, 118, 120–1, 126
 crises/recessions 17–18, 21, 39, 45–6,
 73, 142
 ‘Culture’ novels (Banks) 26
 curation 61–2
 cybernetic capitalism 22–3, 50, 51tab
 cyberpunk science fiction 25–6
 dark-side AI 55–6
 Dartmouth College workshop 9, 12,
 36, 111
 data cleaning and moderating 77–8
 data protection 41, 104–5
 De Stefano, Valerio 91–2
 decomposition of working-class 70,
 71–2, 73, 75, 97–101
 Deep Blue 12, 36, 127
 deep learning 66, 127, 164n2
 deep neural networks 76
 DeepMind Technologies 1, 14, 35, 37,
 113, 114, 120–1, 123
 defence industry 39–40, 74–5, 103,
 152–3 *see also* security industry
 Deliveroo 102
 Department of Defense (US) 39, 40
 Didi 102
 digital capitalism *see* post-Fordism
 digital journalism 102
 digital personal assistants 33
 discrimination 86–7, 95–6, 103, 104,
 105–6, 157–8, 164n2
 disposability of populations 5–6
 dispossession 138
 Domingos, Pedro 127
 Dong, Catherine 76–7
 dot.com bubble 44
 Drexler, Eric K. 151
 driverless vehicles 33, 42–3, 45, 81,
 82–3
 DSSTNE 53
 Duplex 58–9, 83–4
 economic crises 17–18, 21, 39, 45–6,
 73, 142
The Economist 33, 34, 43–4
 ecosocialism 161–2
 edge computing 42–3, 99
 education 96–7
 elder care 95
 Elster, Jon 119
 emancipation, of capital from humans
 7, 32, 111, 140–4, 145, 149,
 157–9
 emotions 66

- employees of tech companies *see* tech industry
- environment 152
- Ernest, Guy 53
- Eubanks, Virginia 86–7
- European Union 41, 104–5, 137
- existential risk 151–2
- Expensify 77–8
- expert systems 12, 32 *see also* GOFAI
- exploitation 3, 6, 15, 20, 69–70, 84, 102, 136, 149, 152
- Facebook
 - AI research at 37, 98–9
 - bots on 59
 - content moderation at 21, 78
 - opening of libraries by 53
 - resistance to 105, 107
 - Trump campaign and 100–1, 107
- facial identification software 103, 104
- Fall Revolution* books (MacLeod) 27
- falling rate of profit (FROP) 17–18, 19
- far right/neo-fascism 73, 100–1, 157–8
- fauxtomation 5
- FBLearner Flow (FBL) 98–9
- Federated Learning project 99
- Federici, Sylvia 5
- Fei Fei Li 53
- fetishism 139, 149
- ‘Fight for 15’ movement 5
- Figure Eight 77
- financial crisis (2008) 21, 39, 45–6, 73
- financialization 45–6, 72, 73
- fixed capital
 - constant capital vs 15–21
 - definition 163n5, 164n5
 - general social knowledge and 63–4 (*see also* general intellect)
 - machines as 133, 134
 - slaves as 137
 - social function of 16, 79–80
 - variable capital vs 15, 17, 18, 69–70
- flexibility 110, 118, 125
- Ford, Martin 87–8
- Fordism 50, 51tab, 70
- forms of appearance 132–3 *see also* social forms
- FOSS (free and open-source) programming 53–6, 113
- Foster, John Bellamy 161
- Foxconn 74, 81
- ‘Fragment on Machines’ (Marx) 18–19, 67, 109, 131–5, 136, 152–3
- Frank, Morgan R. 91
- freedom 116–18, 136–7
- Frey, Carl 88
- FROP (falling rate of profit) 17–18, 19
- Gartner 44, 59, 83
- Gates, Bill 4
- GDP, labour’s share of 73
- GDPR (General Data Protection Regulation) 41, 104–5
- gender
 - abolition of 167n4
 - composition of labour and 72
 - discrimination on 95–6, 103, 105–6, 157–8
 - simulation of 58
- general conditions of production
 - AGI and 129–30
 - ambient intelligence and 58–62
 - concept of 30–1
 - open-source and 53–6
 - the state and 39–40
- General Data Protection Regulation (GDPR) 41, 104–5
- general intellect 31–2, 63–7
- general intelligence 125–6, 128 *see also* AGI
- generalization 48, 121
- gig economy 93, 150–1
- Gillespie, Tarleton 38
- GitHub 79
- global warming 152
- globalization 71–4, 77–8, 81
- Go (game) *see* AlphaGo
- Goertzel, Ben 110, 112–13, 128–9
- GOFAI (Good Ol’ Fashioned AI) 11–12, 32

- Columbia, David 158
- Google/Alphabet
 automated machine learning
 project 129–30
 chatbots by 58–9
 cloud service of 42, 55
 content moderation by 78
 DeepMind 1, 14, 35, 37, 113, 114,
 120–1, 123
 ‘democratization’ of AI and 53,
 54–5
 discriminatory hiring and 96
 employee resistance at 40, 103
 new sectors targeted by 33
 online booking system of 83–4
 overview of AI activities 36–7
 public resistance to 106
 search algorithm of 98
 Singularity U 159
 smart cities and 57, 106–7
 smartphones, use of for AI training
 99
 state support of 39
- Gordon, Robert 45
- Gourevitch, Alex 151
- Grace, Katja 121
- grammatization 97–101
- ‘grey goo’ example 151
- Grundrisse* (Marx) 18–19, 46–9 *see*
also ‘Fragment on Machines’
- Gubrud, Mark Avrum 111
- Gui, Terry 74, 81
- Haldane, Andy 89
- HANA 34
- Hanson Robotics 137
- Harari, Yuval Noah 126–7, 151
- hardware 42–3
- Hester, Helen 58
- H LAI (human-level artificial
 intelligence) 128
- H LMI (human-level machine
 intelligence) 112, 114, 165n3,
 165n4
- hospitality workers 68
- Hughes, Chris 150
- Human Brain Project 113
- Human Rights Data Analysis Group
 (HRDAG) 105
- Humans* (TV show) 133
- IBM 12, 36, 39, 42, 53, 66, 127
- ICE (US Immigration and Customs
 Enforcement agency) 103
- ILO (International Labour
 Organization) study 91
- imagination 117, 118, 119, 121–3
- Impett, Leo 164n2
- inductive biases 122–3
- industrial automation 74, 81–2, 90–1
- industrial capitalism 51 *tab see also*
 Fordism; large-scale industry
- Industry 4.0 81 *see also* Internet of
 Things
- infrastructure
 AI as 30–1, 52–6, 61–2
 as general condition of production
 30–1, 39, 46–9, 61–2
 privatization of 39
- integral accidents 151–2
- intensification of work 17, 21
- Internet of Things (IoT) 56–7, 62, 81
- investment, since 2008 crash 45–6, 80
- The Invisible Committee 147–8
- Jameson, Frederic 149
- Japan 22, 41, 95
- Jenkins, Simon 89
- Jeopardy* 36
- Jordan, Tim 78
- journalism 102
- Kai-Fu Lee 40–1, 109
- Kaplan, Jerry 9, 11, 14–15
- Kasparov, Garry 12, 36, 127
- Kelly, Kevin 30, 61
- Kiva Systems 84
- Kjøsen, Atle Mikkola 58– 59, 131
- knowledge capture 64
- knowledge systems 12
- Kurzweil, Raymond 1, 37, 129, 156,
 159, 165n1

- labour
 Marx's concept of 110, 115–20,
 124–7, 135–7
 replacement of 58–60, 78–9, 82–94,
 135–44
 share of GDP 73
see also workers
- labour theory of value 110, 132
- Lake, Brenden M. 121
- Land, Nick 7, 153, 156–8
- Landing.ai 34
- large-scale industry 49, 51tab
- learning biases 122–3
- Lebeuf, Carlene 59
- left-accelerationist view 7, 146–56
- legal status 136–7
- Lenin, Vladimir 6
- LinkedIn, discriminatory hiring and
 96
- Linux 54
- lobbying 41
- logistical capitalism *see* post-Fordism
- logistics revolution 82–3
- Lucas Plan 154
- Luddism 166n2
- luxury automated communism 146–7
- machine learning (ML) *see* ML
- MacLeod, Ken 27
- Maluuba 113, 114
- Mandel, Ernest 22
- manufacture epoch 48–9, 51tab
- manufacturing, automation of 74,
 81–2, 90–1
- Manzerolle, Vincent 58–9
- Marin, Michael 53
- Marks & Spencer 83
- Marx, Karl
 architect and bee example 117, 119,
 123–4
 on circulation of capital 70–1
 on concentration 43
 on crises 17–18, 21
 on general conditions of
 production 30–1, 39, 46–9, 61,
 129
 on general intellect 31–2, 63–4,
 125–6
 on inhuman power 2, 4
 on labour and labour-power 110,
 115–20, 124–7, 135–7
 on machinery 15–21, 129, 147,
 152–3; on automation 18–21, 62,
 67, 69–70, 129; value, social
 forms and 130–5, 166n16
 on surplus population 141, 142, 144
- Mason, Paul 6
- Mason, Zachary 27
- Maven (Project) 103
- maximalist view ('it's really
 happening, let's speed it up') 6–7,
 145, 146–56
- McAfee, Andrew 87–8
- McCorduck, Pamela 9
- means of cognition 31, 62–7
- Mechanical Turk (MTurk) 78, 102
- Media Mobilizing Project 105–6
- Melville, Andrew 60
- mercantilism 51tab
- Mercer, Rebekah 100
- Mészáros, István 160
- Microsoft
 AGI Project 113, 114
 algorithm checking by 78
 automated retailing and 86
 cloud service of 42
 current activities (overview) 38
 'democratization' of AI and 52–3
 employee resistance at 103
 vision of AI 30
- middle class, hollowing out of 94–5
- Mighty AI 77
- military-industrial complexes 39–40,
 74–5, 152–3
- minimalist view 4–6, 145–6
- ML (machine learning)
 AGI and 128–30
 definition and types 11, 12–15
 Marx's visions and 21
 oligopolies based on 32–8
 production of 76–9
- model building 76

- monopolies *see* oligopolies/
monopolies
- Moody, Kim 80
- Moore, Jason 161
- Moore, Phoebe 92–3
- Moravec, Hans 12, 159
- Morris-Suzuki, Tessa 22, 23
- Morton, Timothy 119, 161
- MTurk (Mechanical Turk) 78, 102
- Musk, Elon 1, 4, 81, 113, 159
- Narrative Science 65
- narrow AI 2, 10, 11–12, 88, 127–9
- National Security Agency (US) 100
- natural form 132–3 *see also* use-value
- Natural Language Generation (NLG)
65
- necessary labour-time 136
- Negarestani, Reza 166n3
- neo-fascism/far right 73, 100–1,
157–8
- Neoreaction 157–8
- Neuralink 159
- news stories, automated 65
- Ng, Andrew 30, 34, 127
- Nicolaus, Martin 67
- Nilsson, Nils J. 128, 165n4
- novum 25
- Obama, Barack 101
- object recognition 45, 122–4
- Ocado 85
- OECD studies 90
- oligopolies/monopolies 41, 42, 43–4,
107–8
- Omohundro, Stephen M. 137–8
- one-shot learning 123
- O’Neill, Cathy 86
- open-source programming 53–6, 113
- OpenAI 1, 65–6, 113
- operaismo* 67, 156 *see also post-*
operaismo
- O’Reilly, Tim 54, 150
- organic composition of capital 17, 19,
24, 141, 155
- Osborne, Michael 88
- Page, Larry 1, 37
- Panzieri, Raniero 155–6
- paper clip example 151–2
- Pasquinelli, Matteo 164n7
- people analytics 92–7
- perception 58–60, 67
- perpetuum mobile* 130–1
- Pichai, Sundar 103
- Pitts, Frederick Harry 19
- platform capitalism 36, 55–6, 93–4
- Playment 77
- Plum Rains* (Romano-Lax) 26
- policing 87, 105
- political composition 70
- politics 99–101, 107–9
- post-Fordism 50, 51tab, 64, 71–2
- post-operaismo* 31, 63, 64, 67, 164n7
- postcapitalism 6, 19, 26, 146–9, 150,
151, 154, 155
- posthuman feminism 161, 167n4
- power *see* class power
- primitive accumulation 143
- production, automation of 74, 81–2,
90–1
- productivity 16, 45–6
- profit
falling rate of (FROP) 17–18, 19
globalization and 71–4
surplus-value and 24
- proletarianization 22, 23, 135–8
- PyTorch 53
- Quill 65
- racism and racial discrimination 87,
95–6, 104, 105–6, 157–8
- radio-frequency identification (RFID)
56–7
- Ramtin, Ramin 22–3
- RCN (recursive cortical networks)
123–4
- recessions/crises 17–18, 21, 39, 45–6,
73, 142
- recommendations (algorithmic) 33,
37, 76, 84
- reconfiguration debate 147–9

- recursive cortical networks (RCN)
123–4
- refusal, doctrine of 67, 155–6
- regulation 40, 41, 55, 104–5
- reification 149
- reinforcement learning 14
- Renaud, Karen 119, 125
- resistance
by Amazon employees 101–2, 103
by Foxconn employees 74
by general population: to AI and surveillance 104–5, 147–8; to capital's power 73, 99–100; to tech companies 106–7
by Google employees 40, 103
- 'Results of the Immediate Process of Production' (Marx) 19–21
- retail
automated purchasing 140
automated stores 59–60, 61–2, 85–6
warehousing 84–5, 93, 101–2
- revolution 17, 18, 153–5
- Rich, Elaine 9
- right-wing extremism 73, 100–1, 157–8
- Roberts, Michael 46
- Roberts, Sarah 78
- Robinson, Kim Stanley 26
- robots
AI vs 2, 9–10
aspirations for 1
in industrial production 74, 81–2, 91
SED and 12
in service sector 68, 95
in warehouses 84–5
- Romano-Lax, Andromeda 26
- Rose, Geordie 1, 2
- Rosenblat, Alex 94
- R.U.R.* (play) 133–5
- Russia 41, 100
- Salesforce 103
- Samsung 1, 54–5
- San Francisco, inequality in 106–7
- Sanctuary Cognitive Systems Corporation 1
- SAP 33–4
- Saudi Arabia 137
- Schmidt, Eric 107
- science fiction 24–8, 68, 133–5
- Searle, John 11, 126
- security industry 80 *see also* defence industry
- SED (situated, embodied and dynamical framework) 11, 12
- Sedol, Lee 14, 88, 120–1
- self-driving vehicles 33, 42–3, 45, 81, 82–3
- sentiment analysis 66
- serfdom 135
- service sector jobs 68–9, 72, 82–7, 94–5, 101–2
- Shanahan, Murray 127
- shape recognition 122
- Shewan, Dan 96
- Sidewalk Labs 106–7
- Siemens 81
- Silicon Valley 106–7 *see also* tech industry
- Silicon Valley De-Bug 105
- Silver, Beverly 71
- Singularity University 159
- SIX 62
- slavery 135, 137
- Slow Tsunami view 143–4
- smart cities 57, 106–7
- smartphones 54–5, 99
- Smith, Jason 142
- Snowden, Edward 100
- social brain 64
- social factory 70–4
- social forms 132–5
- social individual 63–4
- social media
defection from 105
subsumption of general behaviour and 98–101
see also specific media
- social relations of production 132–3, 139

- socialism 2, 146–9
- socially necessary labour 17–18, 24
- software developers *see* employees of
tech industry
- Solow, Robert 45
- spatial fixes 71–2
- speculation 44
- Srnicek, Nick 6, 36, 148, 163n2
- Stallman, Richard 54
- Stanczyk, Lucas 151
- state, the
 - conflict with tech industry 164n4
 - general conditions of production
and 49
 - policing, use of AI in 87, 105
 - support of tech industry by 38–42,
74–5
 - surveillance by 100, 107
 - workers, moves against 72
- Stiegler, Bernard 97–8
- strikes 101–2
- strong AI 11
- Stross, Charles 26–7, 137
- subsumption
 - of general human behaviour 97–101
 - hypersubsumption 21, 51table
 - Marx on 19–21
 - see also* grammatization
- Sunflowers* (Watts) 27–8
- supervised learning 14
- supply-chain capitalism *see* post-
Fordism
- surplus labour-time 16
- surplus populations 5, 23, 140–4
- surplus-value
 - expansion of as capital's goal 3, 31,
135–6
 - fixed capital and 16, 79–80, 134
 - profit and 24
 - relative 20
- surveillance
 - military 40, 74–5, 80
 - resistance to 104–5
 - by the state 104–5, 147–8
 - of workers 92–4
- Suvin, Darko 25
- Sweden, automated stores in 85
- symbolic AI 11
- taxi drivers 102
- Taylor, Astra 4–6
- Taylorism 50, 51tab, 70, 92
- Teamsters Union 82
- tech industry
 - backlash against 107–8
 - concentration in 41, 42, 43–4, 107–8
 - contract/precarious workers in
77–8, 79, 102
 - control of AI by 3–4
 - culture of 157–8
 - elite employees of: AI replacement
of 78–9; competition for 34–5,
54, 55, 76; culture of 157–8;
discrimination and 78–9, 95–6,
103; resistance by 40, 103;
salaries for 35, 94, 103
 - open-source, commodification of
by 53–6
 - state support of 39–42
 - strengthening of by financial crisis
73–4
 - UBI as reinforcement for 150–1
- Tech Workers Coalition 103
- technical composition of production
69–70
- technical fixes 71–2, 73, 74–5
- TechReset Canada 107
- Techsploitation is Toxic 106
- TensorFlow 53, 54–5
- Tesla vehicles 81
- Thiel, Peter 157
- Thompson, James 30
- Toronto 106–7, Google/Alphabet
- Toscano, Alberto 147–9
- Tractica 42
- traffic (*verkehrs*) 67
- transhumanism 159–61, 167n4
- Trichter, Judd 26
- trucking 82–3
- Trudeau, Justin 107
- Trump, Donald 40, 100–1
- Turker Nation 102

- Uber 82, 93, 102, 113, 114
- unemployment 23–4, 87–91, 108–9, 140–4, 145 *see also* workers:
 - replacement of
- unions and worker coalitions 68, 82, 102, 103
- universal basic income (UBI) 6, 143, 146, 150–1
- unsupervised learning 14
- urban development 57
- use-value 71, 132, 134, 135–6 *see also*
 - natural form
- utilities *see* infrastructure
- value 132, 134, 135–6
 - socially necessary labour and 17–18, 24
 - valorization of 139
 - see also* surplus-value
- variable capital
 - AGI as 138–9
 - fixed capital vs 15, 17, 18, 69–70
 - see also* labour
- verkehrs* (traffic) 67
- Vicarious PFC 122–4
- Virno, Paolo 56, 64–5, 66–7
- Viv (n.d.) 30
- Void Star* (Mason) 27
- wages, suppression of
 - during 1970s/80s 72
 - by AI deployment 28–9, 80, 81, 142–3
 - by economic crises 18, 21, 80
 - as main issue today 93
 - Marx on 17, 135–6
 - mass movements to fight 70
 - neo-fascism as result of 73
 - resistance to 101–2
 - surplus population and 141–2
 - within tech industry 77, 93
 - by threat of AI 5, 74
 - women, minorities and 96
- Walmart 34, 85–6
- Wang, Pei 110, 128–9
- Warp-CTC 53
- Washington consensus 39
- Watson (IBM) 36
- Watts, Peter 27–8
- weak AI 11
- Westworld* 68
- white supremacists 157–8
- Wilde, Lawrence 124
- Williams, Alex 6, 148
- Winfield, Alan 9–10
- women *see* gender
- workers
 - algorithmic surveillance of 92–4
 - class composition and 69–75
 - doubly free 136–7
 - intensification of labour for 83, 84, 85, 90
 - Marx on machinery and 15–21
 - polarization among 94–5
 - precarity for 77–8, 93–4, 142–3, 150–1
 - qualitative employment issues for 91–7
 - replacement of 58–60, 78–9, 82–94, 135–44
 - resistance by 40, 101–2, 103
 - subsumption of 19–21
 - in tech industry (*see* tech industry)
 - threat of technology as weapon against 4–5, 17, 74
 - training of 96–7
 - see also* wages, suppression of
- xenofeminism 167n4
- Y Combinator 150
- Yampolskiy, Roman V. 44–5
- Yang, Dan 150
- Yudkowsky, Eliezer 11
- Zuckerberg, Mark 1