

## Index

*Note:* page references in italics indicate illustrations and diagrams.

- Act of Abuses (1606) 208  
 Adams, Thomas, *Mystical Bedlam* 13  
 Aetna, Mt 117–18, 120, 122, 123–4  
 afterlife *see* heaven; hell; purgatory  
 Agas, Radolph, *A Preparative to Platting of Landes* 181, 266 n.30  
 agency, personal, in Calvin 158  
 alchemy 54  
   and Newton 50  
   and triangles 192  
 allegory 10, 119, 184, 198, 208  
 Allestree, Richard, *The Whole Duty of Mourning* 141  
 Almond, Philip 96  
 Ambrose of Milan, and macrocosm/  
   microcosm 12  
 Andrewes, Lancelot 261 n.53  
 angelology:  
   and deathbed scenes 73, 84, 241 n.24  
   and geometric space 17, 227 n.10  
 animals, metamorphosis of humans into  
   53–4, 148  
 anti-trinitarianism 184, 191  
 anxiety:  
   of Calvin 149  
   of Macbeth 149  
 Apian, Peter, *Cosmographia* 228 n.27  
 Aquinas, Thomas, and macrocosm/  
   microcosm 12  
 Ariès, Philippe 76  
 Aristotle:  
   and cosmology 141, 226 n.4, 260 n.35  
   and four elements 13, 97, 141, 252 n.48  
   and location of hell 102  
   and physics 257 n.13  
 Arngrímur Jónsson, *Brevis Commentarius de Islandia* 115–16, 117–18, 127,  
   253 n.58  
*ars moriendi* literature 23, 61, 63–4, 132  
   block-book 65, 66, 67, 68, 68–70, 76,  
   80, 84  
   dialogues 70–3, 76–8, 85–6  
   English 66–80, 196  
   and Gerson 65  
   and good death 76–7, 84  
   and *Othello* 63–4, 64–5, 80–94, 196  
   as performative 71–8  
   and predestination 74–6  
   and Protestantism 61, 66, 73–6, 74–80  
   and redemption 78  
 Artley, John, *The Art of Riding* 242 n.36  
 astronomy, new 15–16, 17, 19, 139, 220  
   *see also* Copernicus, Nicolas; Kepler,  
   Johannes  
 Augustine of Hippo, St. 215  
   *Confessions* 6–7, 18  
   *De Trinitate* 194  
 Austin, William, *Triangulus in Festo Sanctorum Epiphaniarum* 193  
 autonomy, in *Macbeth* 160–1  
 Aylmer, John, bishop of London 150  
  
 Bancroft, Richard, Bishop of London 150  
 Barish, Jonas 22  
 Barkan, Leonard 13, 14, 55  
 Barnes, Barnaby, *The Devil's Charter* 81  
 Bartels, Emily C. 244 n.61  
 Barthelemy, Anthony Gerard 92, 245 n.66  
 Bartolovich, Crystal Lynn 267 n.35  
 Bate, Jonathan 47  
 Baxandall, Michael 186  
 Baxter, Richard 239 n.16  
 Beaty, Nancy Lee 74  
 Beckwith, Sarah 161–2  
 Becon, Thomas, *The Sicke Mannes Salve* 74  
 beds, in *Othello* 81–4, 90, 95, 196;  
   *see also* deathbed scenes  
 Bedwell, William 50

- belief:  
 in the devil 25–31, 34, 51, 219  
 Freudian view 35  
 in modern study 25–31  
 and Ovidian physics 57  
 and performance 61
- Benedict, Philip 138, 258 n.28
- Benese, Richard, *The Boke of Measuryng of Lande* 174
- Beza, Theodore 151
- Bible, and Calvinism 150
- Blackfriars Theater 81, 210, 218
- Blefkens, Dithmar, *Islandia* 252 n.48
- Blundeville, Thomas:  
*The Art of Logike* 242 n.36  
*Exercises* 174–6, 268 n.44
- Bojin, Jean 52–4
- body:  
 of actor 23  
 dissection 12  
 early modern understandings 10–17, 50–1  
 fragmentation 55  
 Galenic model 11, 12, 13, 15, 16, 228 n.18  
 mechanical model 12, 15  
 and metamorphosis into animals 53–4, 148  
 as microcosm 12–17, 55  
 and mind 50  
 and spatial environment 12–17, 51, 61, 221–3  
 and the theater 22
- Boehme, Jacob 192
- Bohun, Edmund, *A Geographical Dictionary* 253 n.58
- Bono, James 195  
*Book of the Craft of Dying* 66
- Bouwsma, William J. 149, 257 n.13
- Boyle, Robert 56, 124, 145
- Brahe, Tycho 4, 120, 139, 251 n.43, 253 n.60  
*A Brief Discourse of the Christian Life and Death* 240 n.24
- brimstone *see* sulfur
- Browne, Thomas, *Religio Medici* 211
- bubbles, in *Macbeth* 159
- Burckhardt, Jacob:  
 and emergence of the subject 26–7, 28, 56  
 and illusion 34, 220  
 and the State 27, 29–30
- burial, and afterlife 121
- Burton, Robert, *Anatomy of Melancholy* 96–7, 101, 120
- Calvin, John:  
 and Augustine 194  
 and Calvinism 151, 156  
 and cosmic framing 166  
 and divine immutability 141–2  
 and grace 147, 151–2, 161, 213–14, 241 n.27  
 and Hooker 152  
*Institutes* 16, 136, 140, 141–9, 150–1, 152, 154  
 and introspection 151, 159  
 and personal agency 158  
 and providence 23, 136, 139, 140, 141–50, 161, 168  
 and science 142  
 and space 23, 136, 158, 160, 161, 168  
 writings 150–1
- Calvinism:  
 and *ars moriendi* literature 74  
 and Church of England 138, 150–2  
 Federal 151, 262 n.54  
 and *Macbeth* 156–7  
*see also* Perkins, William, predestination
- Campion, Thomas 242 n.66
- cannons, in *Hamlet* 128
- cartography 2–3  
 and Calvin 147  
 and the human body 14  
 of Iceland 98–9, 110–11, 117, 120, 135, 196  
 and property 3, 8, 174, 202  
 and purgatory 101, 104, 113, 196  
 and stage architecture 3–4  
 and supernatural space 23, 196, 219–20  
 and theology 193, 219
- catechisms 20  
 Calvinist 150, 166
- Catholicism:  
 and *ars moriendi* literature 66, 73–4, 79  
 and purgatory 101–2, 105, 118, 123, 130  
 and space 9
- Caxton, William, *Art and Crafte to Know Well to Dye* 66, 239 n.19
- Chambers, E. K. 32–4
- change:  
 and divine immutability 141  
 and humoral theory of the body 16  
 and providence 23, 139, 140, 141–50  
 and space as fluid 9, 10, 17, 56  
 in *Doctor Faustus* 48–50, 51, 58  
*see also* metamorphosis
- church, visible and invisible 165
- church building, spatial arrangement 10
- Church of England, and Protestantism 138, 150–2;  
*see also* Hooker, Richard
- Clark, Stuart:  
 and demonology 9, 52  
 and witchcraft 32, 52
- Clement, Clara Erskine 270 n.52
- Cockburn, John, *Jacob's Vow* 272 n.68
- Coghill, Neville 225 n.9
- Cohen, Adam Max 202
- Collinson, Patrick 152, 260 n.36

- containment:  
 and the human body 12, 13, 14  
 and space 7, 8–9, 17  
 and theater 21
- contracts, demonic 23, 35, 237 n.60  
 in *Doctor Faustus* 42–51, 58, 196  
 and Freud 35  
 and historical phenomenology 41–2
- control, social 222
- Copernicus, Nicolas 4, 139, 142  
*De revolutionibus orbium coelestium* 15
- Corbett, Margery and Lightbown, Ronald 184,  
 191, 270 n.52
- correspondence theory 194
- cosmography:  
 Copernican 4  
 and geography 2–3, 4, 14, 19, 104
- cosmology:  
 and cosmic framing 165–7  
 eschatological 4, 8, 19  
 geocentric 8  
 heliocentric 4, 8, 19, 142, 170  
 and *Macbeth* 136–8, 139, 149–50, 156–62  
 metamorphic 167  
 neo-Platonic 154  
 and theology 139, 141–50, 156–7, 164–7, 168  
 and trinity 171–2
- Cotta, John, *The Triall of Witch-craft* 52–3
- county atlases 3, 174, 216
- court masques, and linear perspective 60
- Cox, John D. 32, 198
- Cox, Leonard, *The Arte of Rhetoryke* 242 n.36
- Crain, Patricia 177
- creation:  
 and divine law 136, 139–40, 141, 153–6  
 and divine providence 136, 139–40, 142, 161  
 and geometry 185, 192–6  
 in Plato 168
- Cressy, David 242 n.36
- Crooke, Helkiah, *Mikrokosmographia* 14
- cross-staff *see* Jacob's staff
- culture, and texts 20
- Cummings, Brian 260 n.39
- Cunningham, William, *The Cosmographical  
 Glasse* 111, 116, 251 n.41, 253 n.53
- Curtain Theatre 81, 224 n.4
- D'Amico, Jack 90
- Dante Alighieri, *Inferno* 263 n.66
- Daston, Lorraine 56
- Davies, Edward, *The Art of War* 242 n.36
- Davis, Natalie Zemon 235 n.35
- de Grazia, Margreta:  
 and Elizabethan world picture 164  
 and *Hamlet* 97, 106, 121, 129, 226 n.16  
 and proscenium stage 163
- Deason, Gary B. 256 n.7, 257 n.13, 259 n.32
- death:  
 and exploration and discovery 96  
 geography of 121  
 and Moors 88  
 prayer for the dead 102, 247 n.4, 249 n.16
- deathbed scenes 23, 94, 64–5, 132, 196  
 and the demonic 58, 61, 64, 65, 66–80, 82, 86–94  
 and good death literature 76–7  
 and humoral theory 79  
 as public 77–8, 79  
 as theatrical 76–8, 80–94
- Dekker, Thomas, *Lust's Dominion* 245 n.61
- demonology:  
 and Calvinism 263 n.68  
 and early modern science 52, 219  
 and geometric space 9, 17, 219  
 and shape-shifting 19  
*see also* devil
- Denmark:  
 and England 130  
 and Iceland 111, 126–8, 130  
 and purgatory 127
- development, human, teleological view 26–7, 29,  
 36, 56, 57
- devil:  
 belief in 25–31, 34, 51, 219  
 and deathbed 58, 61, 64, 65, 66–80, 82, 86–94  
 fictionalization of evidence 46  
 and mental illness 35  
 and metamorphosis 52–7, 92  
 in Ovid's *Metamorphoses* 51  
 and reality 52–7, 66–70, 71, 77–80, 91  
 seen as father figure 37  
 and Shakespeare 32  
 skeptical views 31, 78, 89  
 in *The Tempest* 208  
 visibility 66, 73  
*see also* contracts, demonic, demonology, hell,  
 witchcraft
- devils, stage 32, 33–4, 54, 138  
 and Vice figure 63
- Dickens, A. G. 152
- Digges, Leonard:  
*A Geometrical Practical Treatize Named  
 Pantometria* 112, 178–80, 188–9,  
 190, 205  
*Tectonicon* 213, 268 n.43
- dismemberment, in Ovid 55
- dissection, and anatomy theaters 12
- divinity, and geometry 23, 50, 138, 168, 176–86  
*The Doctrine of Dying-Well* 79
- Dod, John and Cleaver, Robert 271 n.55
- Doebler, Bettie Anne 64, 80, 84

- Donne, John 18–19, 220
- doubling:  
 in *Hamlet* 132, 133–5  
 in *Othello* 64, 70, 86, 90–2, 93–4, 95
- drama *see* theater
- Dryden, John 95
- Du Bartas, Guillaume de Saluste, *His Devine Weekes & Workes* 181–4, 182
- Duclow, Donald 77
- Duffy, Eamon 76
- The Dyenge Creature 66, 67
- Eden, Peter 202
- Edgerton, Samuel Y., Jr. 60, 62
- Edwards, John 219
- Egan, Gabriel 81
- elements, four 13, 15, 141
- Elias, Norbert 11, 27
- Elizabeth I, and Calvinism 150
- Elliott, Martin 86
- embodiment:  
 early modern understandings 10–17  
 studies 18
- England:  
 and Calvinism 138, 150–2, 156  
 and cartography 174  
 and Denmark 130  
 in *Hamlet* 109, 110  
 and Iceland 113, 120, 121  
 and Kepler 264 n.15  
 and national identity 4, 20, 124
- Enterline, Lynn 47
- epistemology:  
 and the demonic 54  
 and experience 163–7  
 geometric 8, 172–3, 185, 216, 222  
 and poetics 202  
 spatial 3, 6, 15–17, 19–23, 136, 166  
 theological 6, 24, 172, 197–9  
 trinitarian 24, 196, 208, 222  
 and vision 58, 64, 86
- Erasmus, Desiderius, *Preparation to Deathe* 71, 74, 88
- eschatology:  
 and cosmology 4, 8, 19  
 and deathbed scenes 23, 77, 84, 95  
 of *Hamlet* 98, 134  
 as metamorphosis 50  
*see also* heaven; hell; purgatory
- Evans, Lewys, *The Castle of Christianitie* 249 n.16
- experience, and knowledge 164
- fable, purgatory as 98, 99, 100, 101, 105, 118, 134, 135
- fancy, and reality 57
- Farrar, Frederick William 142
- Faust legend 36–42; *see also* Marlowe, Christopher, *Doctor Faustus*
- Ferguson, George 270 n.52
- Fletcher, Angus 220
- Fletcher, Richard, bishop of London 150
- Florio, John 123
- Floyd-Wilson, Mary 13, 18, 124
- Floyd-Wilson, Mary and Sullivan, Garrett A., Jr. 12
- Fludd, Robert, *Mosaicall Philosophy* 271 n.61
- Foster, Donald 157
- Foucault, Michel 29
- Foxgrover, David 258–9 n.30
- Freud, Sigmund:  
 and demonic belief 35–6, 49  
 and *Hamlet* 131
- Frith, John, *A Disputation of Purgatorye* 101
- Frye, Northrop 215
- Fulke, William, *Two Treatises* 248 n.7
- Funkenstein, Amos 193, 195
- Galen, Galenic model 11, 12, 13, 227–8 n.18
- Galileo Galilei 139, 169  
*Dialogue Concerning the Two Chief World Systems* 19
- Gardner, Helen 86
- Gay, Peter 41
- Geertz, Clifford 29
- Gell, Robert 16–17
- geocosm:  
 astral 14  
 chemical 13  
 numerical 14
- geodesy:  
 and *The Tempest* 202–6, 209–18  
 and theology 24, 168, 186, 193, 197–9, 200–6  
*see also* surveying
- geography:  
 and cosmography 2–3, 4, 14, 19, 104  
 imaginary 134  
 of death 121  
 of the theater 3–4  
 supernatural 5, 6–24  
 and cartography 23, 95–9, 104, 105  
 and geometry 6  
 global stage and local scene 17–23  
 of hell 45, 96  
 and the human and not human 10–17  
 and location of purgatory 23, 97–8, 105, 134  
 and mixing of heaven and hell 6–10
- geometry:  
 as abstract 197  
 and cartography 14

- geometry: (cont.)  
 and divinity 23, 50, 168, 176–86  
 and metamorphosis in the theater 22–3  
 and poetics 202  
 popular knowledge of 8, 10, 168, 173  
 and Pythagoras 49–50  
 and space 8–9, 17, 50, 92, 168, 197, 221  
 and supernatural geography 6  
 and *The Tempest* 168, 215–18  
 and theology 24, 169–72, 193, 197, 215–18, 219–23  
*see also* triangle
- Gerson, Jean Charlier de, *De arte moriendi* 65  
 Gerson, Levi ben 266 n.24
- ghosts:  
 in *Hamlet* 117, 121–31  
 and Mt Hecla 117
- Gifford, George, *A Discourse of the Subtill Practises* 25, 235 n.38
- Gillies, John 2–3, 14, 110, 222, 225 n.8, 225 n.9
- Gilman, Ernest B. 211, 213
- Glanvill, Joseph 96
- Globe Theater:  
 as container 21  
 first 81  
 geographic context 2–3  
 and geography of heaven and hell 3–4  
 and heavens 1–2  
 and lived experience of space 19, 167, 218  
 and performance as auricular 81  
 and special effects 136
- God:  
 as clock-maker 8  
 as first mover 181  
 and geometry 23, 50, 138, 168–218  
 historicization 199  
 omnipotence 160  
 as spatial 6–8  
*see also* will of God
- Golding, Arthur 148, 215
- Goodman, Godfrey, *The Fall of Man* 168
- Gordon, Patrick 251 n.41
- Grabar, André 269 n.49
- grace of God:  
 and Calvin 147, 151–2, 161, 213–14, 241 n.27  
 and Hooker 156, 161
- Greenblatt, Stephen:  
 and *Hamlet* 98, 121, 123, 130, 247 n.3, 252 n.52, 253 n.62  
 and *King Lear* 91  
 and purgatory 46, 98, 135  
 and staging of religion 28, 61
- Greene, Brian 20–1
- Gresham College (London) 265 n.17
- Guðbrandur, Bishop 115
- Gunpowder Plot 138
- Gunter, Edmund 265 n.22
- Gurevich, Aron 68–70
- Gurr, Andrew 3, 210
- Haigh, Christopher 21, 165
- Hakluyt, Richard, *The Principal Navigations*  
 115–16, 117–18, 127, 253 n.58
- Hall, Basil 259 n.34
- Hall, Grace R. W. 215
- Hamlet* (Shakespeare):  
 and beds 243 n.51  
 earthiness and materiality 97, 98, 121, 129, 132, 218  
 and ghost and geo-politics 107–9  
 and interiority 97, 98, 106  
 and land ownership 106–9, 129  
 and matter as transformable 56  
 and Mercator's *Atlas* 110–11  
 and ocular proof 109  
 and purgatory 4, 23, 95–9, 105, 121–31, 132–5  
 and spatial confusion 5, 16, 19, 22, 131–5  
 and theater 132–5
- Hariot, Thomas 265 n.15
- Harkness, Deborah E. 121, 173
- Harris, Jonathan Gil 163, 196, 223, 228 n.18  
 and *Macbeth* 137–8, 140, 157
- Harrison, Peter 10
- Harsnett, 61
- Harvey, William 11
- heart, as triangle 193–4
- heaven:  
 and earth, mixing 6–10  
 in *Hamlet* 131  
 in *Othello* 86  
*see also* geography, supernatural
- heavens, in theater 1–2, 3, 5, 225 n.10
- Hecla, Mt (Iceland):  
 early descriptions 99–100, 117, 118  
 English interest in 117  
 and fire and snow 117–18  
 as location of purgatory 23, 96, 97, 98–9, 115–19, 122, 131, 132, 135, 196  
 mapping 113–15, 135  
 and military deaths 125  
 and Mt Aetna 124  
 and murder victims 125–6  
 rational explanations of 117, 118–19  
 and St. Patrick's purgatory 118, 119, 120  
 and sightings of ghosts 117
- Heidegger, Martin 163
- Heilman, Robert B. 246 n.72
- Helga, Mt (Iceland) 127
- hell:  
 and Faustus' skepticism 45–7  
 fictionalization 98  
 in *Hamlet* 131

- harrowing 102  
   location 8, 45, 96, 101–2, 103  
   in *Othello* 86  
   reality 103  
   in theater 2, 3, 5, 22  
   *see also* devil, geography, supernatural  
 hellmouths 97, 226 n.16  
 Heylyn, Peter, *Mikrokosmos* 123, 253 n.58  
 Heywood, Oliver 234 n.35  
 Heywood, Thomas, *An Apology for Actors* 3  
 hieroglyphs, and Reformation iconoclasm 192  
 Hildegard of Bingen, and macrocosm/  
   microcosm 12  
 Hill, Christopher 264 n.14  
 Hill, Robert 242 n.36  
   *The Path-vvay to Pietie* 70  
 Hillman, David 22  
 historicism, new 20, 28, 55, 61, 131, 163–4, 199  
*homo clausus* 12  
 Honigmann, E. A. J. 82, 91  
 Hood, Thomas:  
   *The Use of Both the Globes* 180–1  
   *The Use of the Celestial Globe* 267 n.34  
   *The Use of the Two Mathematicall Instruments*  
     174, 175, 177  
 Hooker, Richard:  
   and Calvin 152  
   and the church 165  
   and cosmic framing 165  
   and cosmic structure 23, 136, 139, 141, 149, 156,  
     157, 158, 161, 168  
   *Laves of Ecclesiastical Polity* 152–5  
   and providence 154  
   and *via media* 152  
 Hopkins, D. J. 21–2, 64  
 Hosley, Richard 81  
 Houlbrooke, Ralph 70, 74, 76–7, 239 n.16,  
   242 n.37  
 Hudson, Henry 99–100, 105, 113  
 Hulme, F. Edward 269 n.48  
 humanism:  
   Christian 50, 192  
   and geometry 173  
   in *Hamlet* 2  
 humanity:  
   development as teleological 26–7, 29, 36,  
     56, 57  
   and environment 169, 208, 221–3;  
     *see also* geodesy, surveying  
 humors 12, 13, 15, 16, 50, 55–6, 227–8 n.18  
   and deathbed demons 79, 87, 196  
   in *Hamlet* 132  
   in *Othello* 87  
 Hutton, Matthew, Archbishop of York 150  
 hybridity, in *Othello* 63–4  
 Iceland:  
   and Denmark 111, 126–8, 130  
   in early cartography 98–9, 110–11, 117, 120, 135, 196  
   in fiction 119–20  
   geo-political importance 111–13, 119, 121  
   and North Atlantic pirates 113, 130  
   and Protestantism 116  
   as Thule 124  
   *see also* Hecla, Mt  
 iconoclasm, Reformation 191–2  
 idealism, and religious reading of *The Tempest* 199  
 identity:  
   national 4, 20, 124  
   and the Other 61, 84, 92–3  
   Protestant 20, 138  
   and space 162  
 individualism, and Renaissance 27  
*The Institution of a Christen Man* 249 n.16  
 Intercession, and the supernatural 9; *see also* prayer  
 introspection, and Calvin 151  
 Jacob's staff 174, 175, 186, 200, 213, 216  
   and pilgrimage 176–7  
 James I and VI:  
   and Calvinism 150  
   *Daemonology* 32  
 Jenkins, Harold 122, 129  
 Jo[h]annes Jonstonus 127–8  
 Johnstone, Nathan 76, 240 n.24  
 Jones, Ann Rosalind and Stallybrass, Peter 254 n.62  
 Jonson, Ben:  
   *The Alchemist* 133  
   *Bartholomew Fair* 133  
   *Masque of Beauty* 275 n.102  
 Karlsson, Gunnar 111, 250 n.28, 252 n.48  
 Keenan, Siobhan and Davidson, Peter 225 n.10  
 Kepler, Johannes 4, 19, 139  
   and England 264 n.15  
   and geometry and cosmology 169–72, 197  
   *Mysterium Cosmographicum* 170  
   *Somnium, sive Astronomia Lunaris* 119–20,  
     253 n.60, 265 n.15  
   and the Trinity 171–2  
 Kermode, Frank 202  
 Kinney, Arthur F. 160  
 Kirby, W. J. Torrance 147, 152–3, 154  
 Kirschbaum, Engelbert et al. 269 n.50, 271 n.52  
 Klein, Bernhard 228 n.27, 266 n.30, 267 n.35  
 Kocher, Paul H. 275 n.101  
 Lake, Peter 154  
 Lambeth Articles (1595) 150  
 land ownership:  
   and *Hamlet* 106–9, 129

- land ownership: (cont.)  
 and mapping 3, 8, 174, 216, 221
- land surveying *see* surveying
- language, and science 195
- Laroque, François 134
- Laud, William, Archbishop of Canterbury 150, 261 n.53  
 and Laudians 155
- Lawrence, William J. 3
- laws, natural 9, 23, 53, 139–40  
 and Calvin 144–5, 149  
 and Hooker 136, 139–40, 150, 153–6, 168  
 and *Macbeth* 161, 196
- Lawson, Jacqueline E. 263 n.66
- Lear, John 119
- Lefebvre, Henri 220, 221
- Leigh, Valentine, *The Moste Profitable and  
 Commendable Science* 187, 267 n.40
- Leonardo da Vinci, and anatomy 11
- LePan, Don 231 n.3
- Levin, 212
- Lindley, David 198, 212, 274 n.95
- literalism, biblical 10
- Lloyd, David, *The Legend of Captaine Iones* 95
- London, as post-medieval city 21
- Low, Anthony 131–2
- Lupton, Julia Reinhard 198
- Lutheranism, and deathbed demons 78
- M., T. *The Black Book* 226 n.13, 232 n.23
- McAlindon, Thomas 32, 198, 200, 215
- Macbeth* (Shakespeare) 20  
 and Calvinism 156–7  
 and natural laws 161, 196  
 opening 136–8, 140, 162, 163  
 and predestination 156, 161  
 and providence 161, 196  
 and space 23, 30, 136–8, 139, 140–1, 156–62  
 and theological cosmologies 136–8, 139,  
 149–50, 156–62
- McGrath, Alister E. 142, 151
- MacKenzie, Iain M. 151, 155, 261
- magic, and surveying 216–17
- Magnus, Olaus 116
- The Maner to Dye Well* 239 n.19
- maps:  
 body as 14, 18  
 and land ownership 3, 8, 174, 202, 216, 221  
 and national identity 4, 20  
*see also* cartography
- Marlowe, Christopher, *Doctor Faustus* 33  
 and bodily fragmentation 55  
 and demonic contract 42–51, 58, 196  
 and Ovidian physics 47, 51–7, 218  
 and stage devils 33–4  
 texts 42
- title page 216–17  
 and witchcraft 32
- Marshall, Cynthia 20, 55
- Marshall, Peter 74, 104–5, 250 n.33
- Marshall, Peter and Walsham, Alexandra 227 n.10
- masques 60  
 and *The Tempest* 199–200, 203, 209–13,  
 217–18
- materialism, cultural 29, 55, 199
- materiality:  
 of texts, 42–5, 49, 51  
 of time 160, 262 n.63
- mathematics:  
 and cartography 14, 22  
 and divine order 156, 169  
 knowledge of 173  
 and mapping of hell 96  
 mathematical languages 192  
 and new astronomy 4, 15  
 and numerical geocosm 13, 14  
 and perspective 60, 62  
*see also* geometry, space, absolute, triangle
- matter:  
 as inert 54  
 as transformable 56
- Maunsell, Andrew 264 n.14
- Maus, Katharine Eisaman 32, 54
- mazes 203
- measurement:  
 nautical 204  
 terrestrial *see* geodesy, geometry, surveying
- medicine, and humors 12, 13, 196
- mental illness, and belief in the devil 35
- Mercator, Gerardus:  
*Atlas* 2–3, 14, 22, 174  
 and Iceland 110–11, 110, 112, 113–15, 114, 118,  
 127, 251 n.41  
*Historia Mundi* 127, 251 n.41, 253 n.59
- metamorphosis:  
 demonic 52–7, 92  
 in *Doctor Faustus* 51–7  
 as illusion 53–4, 92  
 metamorphic cosmologies 167  
 as metaphor 47, 48, 50, 51
- metaphor, and reality 46–7, 51, 57
- microcosm/macrocosm 12–17, 22, 55, 194  
 and Calvin 152
- mind, and body 50
- miracles 9
- modernity, and rationalism 26–8
- Montagu, Henry, *Contemplatio Mortis et  
 Immortalitatis* 242 n.41
- Moors, and death 88
- More, John, *A Liuely Anatomie of Death* 240 n.24
- Morton, Timothy 222

- motion:  
   in Calvin 142–4, 145, 147  
   and free will 147  
   and time 157–8  
 Munster, Sebastian, *Cosmographie Universalis* 252 n.48  
 Murdock, Graeme 258 n.27  
 Murray, Peter and Linda 269 n.48, 270 n.52  
 mystery plays, and the demonic 88
- nationalism:  
   and exploration 4  
   and mapping 20  
   and Protestantism 138
- naturalism:  
   and linear perspective 61  
   and Shakespearean stage 58, 59–61
- Neill, Michael 81–4
- neo-Platonism:  
   and divine geometry 19  
   and Jacobean masques 275 n.102  
   and mathematics 192
- New World:  
   and cartography 8  
   and emergent nationalism 4
- Newton, Isaac 50, 145, 158  
   *Principia* 8, 156
- Norton, Thomas 150
- Norway:  
   in *Hamlet* 106–7, 109, 110  
   and Iceland 111
- Nowell, Alexander, *Catechisme or First Instruction* 271 n.55
- numerology 171
- Oakley, Francis 144–5
- Ockham *see* William of Ockham
- Oddur Einarsson, *Íslandslýsing* 115
- ontology, trinitarian 195
- order, divine 6, 23, 153, 160, 215
- Orgel, Stephen 210, 215, 216, 273 n.77, 274 n.99, 275 n.105, 276 n.119
- Origen, and macrocosm/microcosm 12
- Ortelius, Abraham, *Theatrum Orbis Terrarum* 2, 14, 113, 115, 174
- Othello* (Shakespeare):  
   and *ars moriendi* literature 63–4, 64–5, 80–94, 132  
   deathbed scene 23, 64–5, 196  
   Desdemona as demonic 87, 91  
   and double vision 64, 70, 86, 90–2, 93–4, 95  
   and evil 62–3  
   and hybridity 63–4  
   Iago as demonic 89, 91  
   and naturalism 58  
   and ocular proof 64, 85–6, 89, 91, 93  
   Othello as demonic 87–9, 91  
   and the supernatural 62–4, 84, 86  
   and transformability of matter 237 n.67  
   Vice figure 59, 63, 245 n.66  
   and voyeurism 86
- Ovid:  
   and Calvin 147–9  
   and dismemberment 55  
   *Metamorphoses* 47, 51, 207  
   metaphor and metamorphosis 47, 50, 51  
   and witchcraft 51
- Ovidian physics 47, 50, 51–7, 140, 216–18  
   and belief 57  
   and *Doctor Faustus* 47, 51–7, 196
- Owens, Jane, *An Antidote Against Purgatory* 256 n.77
- Padel, Ruth 253 n.60
- Padrón, Ricardo 221
- pamphlets:  
   purgatory 131  
   witchcraft 54
- Paracelsus 13
- Parry, Graham 261 n.54
- Paster, Gail Kern 18, 56, 132, 235 n.38
- Patrick, St.:  
   in *Hamlet* 122–3, 130  
   and purgatory 118, 119, 120
- Peacham, Henry 216
- Pechter, Edward 93, 245 n.72
- perception:  
   and deathbed scenes 64, 91, 132  
   and perspective 62, 132  
   Renaissance theories 62  
   and telescopes 186
- perfection:  
   divine 7, 141  
   and sphere 7, 171–2, 180–1
- performance, and belief 61
- perichoresis 169, 194, 195–6, 197, 208, 222
- Perkins, William:  
   *A Golden Chaine* 186  
   and Calvin and Calvinism 151, 157  
   and catechism 166  
   *Deaths Knell* 70, 196  
   perspective 60–4, 217, 221  
   and cartography 109  
   and naturalism 61  
   and perception 62, 132, 134  
   and stage architecture 60, 163, 167  
   and the supernatural 62–4, 68–73, 86, 94
- Peter of Lucca, *A Dialogue of Dying Wel* 240 n.19
- phenomenology, historical 18–23, 41–2, 55, 137–8, 140, 222  
   and epistemology 163–7



philosophy, natural:  
 and demonology 52, 56  
 and Iceland 120  
 and theology 172–86  
 and witchcraft 52

physics:  
 and Calvin 142  
 early modern understanding 30–1, 51  
 Newtonian 166, 197  
 Ovidian 47, 50, 51–7, 140, 148, 216–18

piracy, North Atlantic 113, 130

plat 183, 202, 210, 211

Plato:  
 and Christian humanism 192  
 and creation 168  
 and numerical geocosm 14  
 and Ovidian physics 55  
*Timaeus* 7, 12, 50, 181

plot 203

poetics, and epistemology 202

points of view *see* perspective

Poland, in *Hamlet* 109, 110

Potter, Lois 90

prayer:  
 for the dead 102, 247 n.4, 249 n.16  
 and intercession of saints 9

predestination 150, 151–2  
 double 74–6, 151, 262 n.54  
 and Hooker 260 n.39  
 and *Macbeth* 156, 161

proof:  
 in *Doctor Faustus* 46  
 in *Hamlet* 109  
 in *Othello* 64, 85–6, 89, 91, 93

propaganda, anti-theatrical 33–4, 61

property, and cartography 3, 8, 174, 202

proscenium stage 163, 166

Protestantism:  
 and *ars moriendi* literature 61, 66, 73–80  
 and biblical literalism 10  
 and good death 76–7  
 in Iceland 116  
 instability 138  
 and national identity 138  
 and purgatory 8, 46, 95, 98, 101–5,  
 117, 130  
 and space 9  
 and space-time 138–9  
 and *via media* 152  
*see also* Calvin, Jean; Calvinism, Reformation

providence:  
 in Calvin 23, 136, 139, 140, 141–50, 168  
 in Hooker 154  
 in *Macbeth* 161, 196  
 in Shakespeare 198

in *The Tempest* 207, 208, 216

Prynne, William, *Histriomastix* 33–4

Purchas, Samuel, *Purchas His Pilgrim (Purchas His Pilgrimage)* 12–13, 14, 100, 115, 116, 123, 125

purgatory:  
 and *ars moriendi* literature 73  
 fictionalization 100, 134, 135, 98  
 and fire and snow 117–18  
 and *Hamlet* 4, 23, 95–9, 105, 121–31, 134  
 location 23, 95–105, 121, 122–31,  
 134, 196  
 and military deaths 125  
 and Protestantism 8, 46, 95, 98, 101,  
 117, 130  
 of St. Patrick 118, 119, 120, 122–3

Pythagoras:  
 and metempsychosis 49–50  
 and numerical geocosm 14

Quarles, Francis, *Emblemes* 203, 204

race:  
 and the demonic 87–9, 92  
 and environment 51  
 and sex 83–4

Ramus, Peter, *The Way of Geometry* 50

Rasmussen, Eric 232 n.23

Rathborne, Aaron, *The Surveyor in Foure Bookes* 181–5, 183, 203

rationalism:  
 and Calvin's cosmology 142, 147–8  
 and Hooker's cosmology 154  
 and Mt Hecla 117  
 and Renaissance 26–8, 195  
 and witchcraft 32

reality:  
 and the devil 52–7, 66–70, 71, 91  
 and imagination 57

reason *see* rationalism

Réau, Louis 269 n.49, 270 n.52

Recorde, Robert, *The Pathway to Knowledge* 268 n.41

redemption:  
 in *ars moriendi* literature 78  
 in Hooker 152  
 and purgatory 247 n.4  
 in *The Tempest* 213–14, 215

Reformation:  
 and *ars moriendi* literature 63, 73–6, 74–80  
 and iconoclasm 191–2  
 and spatial environment 9–10  
 and supernatural geography 6, 8  
*see also* Calvin, Jean, Calvinism; Protestantism

Reid, Robert L. 208

- religion:  
 and science 184, 193, 220–3  
*see also* belief; sociology of belief; theology
- religious turn, and spatial turn 24, 219
- Renaissance:  
 and cosmology 139  
 and rationalism 26–8  
 and visual arts 59–60
- representation:  
 changing methods 21  
 of the divine 189–96, 206–8, 215  
 and perichoretic semiotics 195  
 and perspective 61, 163–4, 166–7, 221
- Richardson, Brian 157
- Richardson, Gabriel 117, 253 n.58
- Richeson, A. W. 267 n.30
- Roach, Joseph R. 11, 228 n.22
- Roche, John 266 n.26
- Rogers, John 25–6, 29, 31, 35, 56, 57
- Roper, Lyndal 231 n.5, 234 n.35
- Rosador, K. Tetzeli von 262 n.54
- Royal Society 56
- Rubin, Miri 10
- Rusca, Anthony 97
- A Salve for a Sicke Man* 79–80
- Satan *see* devil
- Sawday, Jonathan 55
- Saxton, Christopher 174, 216, 221
- Schoenfeldt, Michael C. 12, 18
- science:  
 and Calvin 142  
 and demonology 52, 219  
 and imagination 56–7  
 and language 195  
 and Mt Hecla 118–20  
 and religion 184, 193, 220–3  
*see also* physics
- Scot, Reginald, *Discoverie of Witchcraft* 32
- self:  
 in *Doctor Faustus* 55  
 early modern understandings 12, 27, 51, 139  
 and free will 146  
 in *Hamlet* 22  
 and introspection 151, 159  
 knowledge of 16, 147–8, 142  
 in *Macbeth* 158, 162
- self-fashioning, and *ars moriendi* literature 242 n.36
- semiotics, perichoretic 196
- Serres, Michel 223
- Shakespeare, William:  
*Antony and Cleopatra* 237 n.67  
*As You Like It* 134  
*Coriolanus* 200  
*Cymbeline* 206, 243 n.51  
*Henry IV* 237 n.67  
*Henry IV, Part 2* 200–1, 206  
*Henry V* 2, 106–7, 224 n.4, 255 n.75  
*Henry VI*, and stage devils 32  
*Henry VIII* 201  
*Julius Caesar* 225 n.10  
*King Lear*, and the demonic 91  
*The Merchant of Venice* 134, 200  
*A Midsummer Night's Dream*:  
 and beds 243 n.51  
 and Ovidian physics 56, 237 n.67  
 and the supernatural 30–1, 35  
*Rape of Lucrece* 237 n.67  
*Romeo and Juliet* 82  
 as skeptic 32  
*The Taming of the Shrew* 243 n.51  
 and triangles 203  
*Twelfth Night* 133  
*Venus and Adonis* 237 n.67  
*see also* *Hamlet*; *Macbeth*; *Othello*;  
*The Tempest*
- shape-shifting:  
 and demonology 19, 52–7  
 in *Faustus* 47–8  
 and Proteus 22
- Short, John Rennie 225 n.8, 265 n.20
- sign, theatrical 23
- Simkin, Steve 52
- Skeat, W. W. and Weekley, Ernest 267 n.30
- skepticism:  
 and deathbed demons 78, 89  
 of *Faustus* 45–7  
 scholarly focus on 31
- smell, in theater 138, 140, 162, 163
- Smith, Bruce R. 18, 41, 47, 55, 163  
 and *Macbeth* 137–8
- Smith, D. K. 219–20, 221–3
- Smith, Neil and Katz, Cindi 8
- Snyder, Susan 158, 166
- sociology of belief 25–31  
 and witchcraft 34
- Sokol, B. J. 275 n.113
- sorcerer, and surveyor 216–17
- soul, in *Hamlet* 121
- sound, in theater 136–8, 140, 162, 163
- space:  
 absolute 8–9, 23, 49, 139, 221  
 in Calvin 23, 136, 158  
 as container 7, 8–9  
 and drama 17–23, 135  
 and effects of Reformation 9–10  
 eschatological 23, 115, 122, 134  
*see also* heaven; hell; purgatory  
 fantasy 134  
 fictional 19, 133–4

- space: (cont.)  
 as fluid 9, 10, 56, 139  
 and Calvin 16, 23  
 in *Doctor Faustus* 48–50, 51, 58  
 and Gell 17  
 in *Macbeth* 140, 159  
 and Ovidian physics 47, 50, 51–7, 140, 216  
 geocentric view 8  
 and geometry 8–9, 17, 50, 92, 168, 197, 221  
 in *Hamlet* 5, 16, 19, 22, 131–5  
 and the human body 12–17  
 in *Macbeth* 23, 30, 136–8, 139, 140–1, 156–62  
 and the supernatural 10, 218, 219–23  
 in *The Tempest* 197, 209–13  
*see also* astronomy, new, perspective, time
- space-time:  
 in *Macbeth* 136–8, 139, 140–1, 157–8  
 and Protestantism 138–9  
 providential 141–50, 161
- spatial turn, and religious turn 24, 219
- sphere:  
 and cosmos 171–2, 180–1  
 and divine perfection 7, 171–2
- Spiller, Elizabeth 186
- Spinrad, Phoebe S. 241 n.31
- Spivack, Bernard 58–60, 60–1, 62  
 on *Othello* 62–4, 90, 92
- Sprat, Thomas, *The History of the Royal-Society of London* 56
- Stachniewski, John 139, 262 n.54
- stage architecture 162–7  
 and cartography 3–4, 19  
 and perspective 60, 163  
*see also* heavens; trap
- Stanivukovic, Goran 272 n.73
- Stoppard, Tom, *Rosencrantz and Guildenstern are Dead* 1
- Stoughton, John, *The Heauenly Conuersation* 186, 266 n.25, 271 n.60
- Stubbes, Phillip, *A Christal Glasse for Christian Women* 71–3, 76, 78, 89
- subjectivity, early modern discovery 27
- sulfur, Icelandic trade in 121, 126
- Sullivan, Garrett A., Jr. 216
- supernatural, the:  
 and deathbed scenes 58, 64  
 and the demonic 52  
 linear perspective 62–4  
 and lived experience 17–23, 56  
 in *Othello* 62–4, 84, 86  
 and Shakespearean stage 59, 60–4  
 and space 10, 218, 219–23  
 visual dynamics 61–4  
*see also* devil, geography, supernatural; hell; purgatory
- surveying 103–4, 168, 172–86, 197, 213, 222  
 and Jacob's staff/cross-staff 174, 175, 176–8, 186, 200, 213, 216
- plats 184, 202  
 in Shakespearean corpus 200–6  
 and sorcery 216–17  
 and theodolite 178–80, 185, 186, 197  
 and triangles 186–9, 192, 197, 211, 215  
 and trinitarian theology 184–5, 197, 199
- Sutton, Christopher, *Disce Mori* 70, 77, 78
- Sutton, John 11
- Swinden, Tobias, *An Enquiry into the Nature and Place of Hell* 96
- Tarltons News out of Purgatorie* 256 n.77
- Tassi, Marguerite A. 81
- Taylor, Charles 27
- Taylor, Jeremy, *The Rule and Exercise of Holy Dying* 79
- telescope 186
- The Tempest* (Shakespeare) 95  
 and allegory 197, 208  
 Caliban as devil 208  
 colonial politics 198  
 and the divine 168–218  
 and geodesy 202–6, 209–18  
 geographic location 199–200, 272 n.73  
 and geometry 168, 215–18  
 and humanity and environment 169, 208  
*see also* geodesy; surveying  
 and prayer 198  
 and space 197, 209–13  
 and trinitarian epistemology 24, 208, 210
- texts:  
 and culture 20  
 materiality 42–5, 49, 51
- theater:  
 anti-theatrical propaganda 33–4, 61  
 as container 21  
 and geography of heaven and hell 5, 22, 135  
 and geometric stability and metamorphosis 22–3  
 and linear perspective 60  
 and lived experience of space 17–23  
 and naturalism 58, 59–61  
 and sensory experience 138, 140  
 and the visual and the aural 81  
*see also* stage architecture
- theodolite 178–80, 181–5, 186, 197
- theology:  
 and cartography 193, 219  
 and cosmology 139, 141–50, 156–7, 164–7, 168

- and environment 9–10  
 and geodesy 24, 168, 186, 193, 197–9, 200–6  
 and geometry 24, 169–72, 193, 197, 215–18,  
 219–23  
 political 29  
 systematic 151–2  
 Thirty-nine Articles of Religion 150  
 Thomas, Keith 26 28, 29, 51, 234–5 n.35  
 Thompson, Ann and Taylor, Neill 123, 255 n.71  
 Thule, Iceland as 124  
 Tiffany, Grace 213  
 Tilley, M. P. 213  
 Tillyard, E. M. W. 155, 164–5, 224 n.5, 228 n.21  
 time:  
   differing understandings 20, 223  
   in *Macbeth* 136–8, 139, 140–1, 157–8, 167  
   multilayered 138  
   and Protestantism 138–9  
   see also space  
 Tokson, Elliot H. 245 n.67  
 Toning, Judith E. 274 n.98  
 transformation see metamorphosis  
 trap door 3, 128, 129  
*A Treatyse to Teche a Man to Dye* 38  
 triangle 23, 182, 185  
   heart as 193–4  
   history of term in English 187–8  
   and Reformation iconoclasm 192  
   and Shakespeare 203  
   and surveying 186–9, 192, 215  
   as symbol of trinity 184, 185, 187, 189–96, 197  
 Trinity 24, 169, 222  
   anti-trinitarianism 184, 191  
   and *hypostases* 195, 208  
   and Kepler 171–2  
   and perichoresis 169, 194, 195–6, 197,  
   208, 222  
   Shield of the Blessed Trinity 191  
   and surveying 182–5  
   triangle as symbol 184, 185, 187, 189–96, 197  
 Trinkaus, Charles 146  
 Turner, Henry 9, 22, 173, 202  
 Tyndale, William 46, 135, 249 n.10  
  
 universalism, and particularism 198–9  
 universe, and microcosm 12–17;  
   see also cosmology  
  
 Vaughan, Virginia Mason 87, 90  
 Vaughan, Virginia Mason and Vaughan, Alden  
   T. 216, 274 n.95  
  
 Veron, John, *The Huntyinge of Purgatorye to  
 Death* 102–5, 125  
 Vesalius, Andreas 11  
   *De humani corporis fabrica* 15  
 Vice figure 61  
   in *Othello* 59, 63, 245 n.66  
 vision:  
   double 64, 70, 86, 90–2, 93–4, 95, 133–5  
   and knowledge 58  
 volcanoes 123–4; see also Aetna, Mt, Hecla, Mt  
 voyeurism, in *Othello* 86  
  
 Wall, Wendy 20  
 Wallis, John, *De sectionibus conicis* 271 n.56  
 Walsham, Alexandra 192  
 Webber, F. R. 268 n.48  
 Weber, Max 28, 29  
 Weelkes, Thomas 124  
 West, Robert H. 198  
 West, Russell 133  
 Weston, William 66–8, 89, 242 n.37  
 Weyer, Johann, *De praestigis daemonum* 237 n.60  
 White, Andrew Dickson 142  
 Whitford, Richard, *Of the Dayly Exerccye and  
 Experience of Deathe* 77  
 Whitgift, John, Archbishop of Canterbury 150  
 Whittick, Arnold 189, 270 n.52  
 will of God:  
   and Calvin 146, 153, 156, 168  
   and Hooker 153  
   in *Macbeth* 161  
 Willet, Andrew, *Synopsis papismi* 101–2  
 William of Ockham 144, 145  
 Williams, Raymond 196  
 Williams, Rowan, Archbishop of Canterbury 187  
 Wing, John, *Jacobs Staffe to Beare Up, the  
 Faithfull* 266 n.25  
 witchcraft 9  
   confessions 54  
   early modern skepticism 32  
   and metamorphosis 52–4  
   and Ovid 51  
   and spatial confusion 161–2  
   studies 34  
 Wither, George, *A Collection of Emblems* 177,  
 179, 215  
 women, and *ars moriendi* literature 66  
  
 Yachnin, Paul 90  
  
 Þorsteinsson, Björn 250 n.28