

## Index

- absurdism, 7  
*Adding Machine, The* (Rice), 51  
 Aeschylus, and *The Oresteian Trilogy*, 30  
 AIDS, 124, 125, 128  
 Albee, Edward, and *The Zoo Story*, 149  
 alchemy, 95, 96, 99  
 alternative theater, 7–8. *See also* experimental theater  
*Amadeus* (Shaffer), 137  
*American Buffalo* (Mamet), 143  
 androgyny, 70  
*Angels in America* (Kushner), 124–29, 131, 163, 169  
*Animations* (Breuer), 114  
*Apocalypse cum figuris* (Grotowski), 104  
 Apollinaire, Guillaume, and *Les Mamelles de Tirésias*, 55  
 Apollonian form, 132–33, 138–39  
*Arcadia* (Stoppard), 55, 169–70, 171  
 Aristotle, 68, 89, 90, 92, 139; and *Poetics*, 89–90, 91  
*Arms and the Man* (Shaw), 44, 45, 48  
 Armstrong, Gordon, 10–11, 18, 25, 26, 40–41  
 Artaud, Antonin, 16, 54, 84, 91, 93–100, 102, 105, 114, 125, 138, 154–55, 168, 169  
*At the Black Pig's Dyke* (Woods), 168  
*Autobiography of Alice B. Toklas, The* (Stein), 48  
 avant-garde theater. *See* experimental theater
- Baars, Bernard J., 51, 62–63, 64, 65  
 Balinese theater, 91, 169
- Barba, Eugenio, 94, 96  
 Barthes, Roland, 46  
 Beck, Julian, 107, 115  
 Beckett, Samuel, 14, 24, 59–65, 103, 113; and *Breath*, 54; and *Endgame*, 59, 60; and *Happy Days*, 59–60, 119; and *Not I*, 61; and *Waiting for Godot*, 60, 61–62  
 behaviorism, 22  
 Bentley, Eric, 41  
 Bigsby, C. W. E., 111, 115, 117  
*Birth of Tragedy* (Nietzsche), 138–39  
 bivalence, 68–70, 82, 84, 89–92, 101, 110, 123, 132, 137, 140, 143–47, 170  
 Blau, Herbert, 47–48, 113–15  
 Bohm, David, 76–77, 87–91, 93, 162  
 Bohr, Niels, 75  
 Bottoms, Stephen J., 147–48  
 “bottom-up,” 4, 6, 8, 14, 59, 95, 102, 111, 146, 151, 158, 159, 167  
*Breath* (Beckett), 54  
 Brecht, Bertold, 11, 29, 113  
 Brecht, Stefan, 109  
 Breuer, Lee, 107; and *Animations*, 114  
 Brewer, Gay, 117, 118, 122, 124  
 Brook, Peter, 11–12, 15–16, 90, 93, 112, 142, 150  
 Brustein, Robert, 15  
*Buried Child* (Shepard), 148  
 Burke, Kenneth, 53, 93  
 Byzantium, 152
- Canby, Vincent, 119  
*Caretaker, The* (Pinter), 143

- Cartesianism, 18–23, 26, 39, 54, 56, 62, 116, 118, 119, 146, 147  
 Cartesian Theater, 26–29, 32, 36, 64, 79, 81, 151  
*Cat on a Hot Tin Roof* (Williams), 41  
 causality, 123  
 Chaikin, Joseph, 107  
 Chalmers, David J., 21–23, 30  
 chaos theory, 5, 6, 10, 17, 70, 72, 75, 82, 89, 105, 110, 136, 139, 153, 154, 159, 160, 168, 169  
 Chekhov, Anton, 24, 40  
 Christianity, 104–6, 118, 152, 160  
 Churchill, Caryl, 70–71, 132; and *Cloud Nine*, 70–71; and *Top Girls*, 70–71  
 Churchland, Patricia, 157–58  
*CIVILwarS* (Wilson), 108, 112–13  
 Clifford, James, 162  
*Cloud Nine* (Churchill), 70–71  
 Clurman, Harold, 52  
 Cocteau, Jean, 54, 55–56; and *The Eiffel Tower Wedding Party*, 55; and *The Infernal Machine*, 46  
 common sense, 27  
 complexity, 5, 11, 17, 33, 82, 136, 153, 168, 169  
 computational activity, 72–73, 101  
 Confucius, 68, 89  
 consciousness, 8, 14, 15, 16, 19, 21–23, 25, 26, 30–31, 33, 35–36, 42–45, 47, 49, 50, 52, 54, 56, 57, 59, 60, 65, 71–72, 75, 79, 80, 81, 83, 84, 85, 90, 94, 96–97, 99, 100, 105, 107, 109, 110, 111, 113, 117, 118, 123, 124, 126, 128, 129, 137, 140–48, 150, 152, 153, 157, 158, 163, 164, 165, 167, 168, 170, 172  
 conservation of energy, 20  
*Copenhagen* (Frayn), 75, 132, 171  
 Copernicanism, 27, 29–30  
 cosmic creation story, 91–92  
 Craig, Gordon, 54  
 Crease, Robert P., 9–10, 12, 93  
 Crick, Francis, 30–33, 36, 76, 80, 83, 84, 88, 91–92, 171  
 Cromwell, Oliver, 151, 152, 154  
*Curse of the Starving Class* (Shepard), 144  
 dadaism, 54  
 Damasio, Antonio, 18  
 Darwinian machine, 50  
 Darwinism, 8, 78, 162, 163  
 Davy, Kate, 116  
 Dawkins, Richard, 78–79, 88  
 Deadly Theatre, 11, 15, 93  
*Death of a Salesman* (Miller), 41  
 Demastes, William W., 6  
 Dennett, Daniel C., 19, 20, 21, 23, 26–28, 33–37, 42, 62, 67, 69, 71, 76, 78–80, 83–84  
 Derrida, Jacques, 84, 95  
 Descartes, René, 14, 18–21, 26–27, 50, 64  
 determinism, 7  
 diaspora, 160  
 didacticism, 54  
 Dionysian energy, 111, 133, 138–40, 156  
 discursivity, 45, 90, 92, 98, 101, 110, 112, 125–26, 170  
 disorder, 70  
 DNA, 30, 33  
*Doll's House, A* (Ibsen), 44, 45  
 Dostoyevsky, Fyodor, 104  
 dualism, 18–23, 39, 56, 88, 99, 101, 102, 118, 126, 146, 150–53  
 Duchamp, Marcel, 65  
 Eccles, John C., 31, 32  
 ecology, 85, 164, 172  
 ecosystems, 76  
 Edgar, David, 171; and *Pentecost*, 158–65  
*Eiffel Tower Wedding Party, The* (Cocteau), 55  
 Einstein, Albert, 29–30, 82, 108–11  
*Einstein on the Beach* (Wilson), 108–11  
 eliminativism, 22, 23  
 Eliot, T. S., 104  
 emergence, 17, 31, 33, 74–75, 76, 105, 112, 117, 123, 124, 136, 138, 146, 152, 158, 165

- Emperor Jones, The* (O'Neill), 54  
*Endgame* (Beckett), 59, 60  
 environmentalism, 85, 112, 116, 120, 144, 149  
*Equus* (Shaffer), 133–42  
 ethnicity, 70, 161  
 Eurocentrism, 159  
 evolution, 33–36, 70, 79, 80, 92, 144, 162, 169  
 excluded middle, law of, 39, 67–68, 110, 127, 131, 133  
 experimental theater, 85, 114, 131, 144, 147, 149  
 explicate reality, 77, 81, 87  
 existentialism, 62  
 expressionism, 14–15, 23, 24, 39, 51–52, 63  
  
*fabula*, 46–47  
 faith, 123, 124  
 Faussett, Laurene, 43  
 Flanagan, Owen, 21, 31, 43  
*Fool for Love* (Shepard), 144, 147  
 Foreman, Richard, 107, 115–16  
 formalism, Russian, 46  
*Four Saints in Three Acts* (Stein), 49–50  
 Frayn, Michael, and *Copenhagen*, 75, 132, 171  
 free will, 19  
 Freudianism, 47–48  
 Fuchs, Elinor, 7–8, 12, 14, 16, 28–29, 50, 83, 85, 115, 124, 133  
 “fuzzy” logic, 67–71, 89, 123, 133–35, 138, 144  
  
 Galileo, 1, 74  
 Garner, Stanton B., Jr., 24–26, 62, 143–44, 159, 161–62  
 Garrett, Laurie, 5  
 gender, 70, 161  
 geocentrism, 27, 29  
 Ghost in the Machine, 20  
*Ghosts* (Ibsen), 24, 25, 52  
*Ghost Sonata, The* (Strindberg), 25, 52  
*Gift of the Gorgon, The* (Shaffer), 149–57, 163  
 Giotto, 159  
  
 Glass, Philip, 108, 109  
 “glint,” 151  
 globalism, 70  
 Gnosticism, 96, 99, 100, 106  
 god/God, 31, 73, 102, 115, 125, 127, 133, 134, 139, 141, 142, 146, 152, 153, 160, 171  
 Gödel’s theorem, 73, 103  
 Goodall, Jane, 99  
 Gray, Spalding, 114, 115, 117–25, 129; and *Gray’s Anatomy*, 117–24; and *Swimming to Cambodia*, 117–20; and *Three Places in Rhode Island*, 114  
*Gray’s Anatomy* (Gray), 117–24  
 Grotowski, Jerzy, 16, 99–106, 114; and *Apocalypsis cum figuris*, 104  
 Guare, John, and *Six Degrees of Separation*, 157  
  
*Hamlet* (Shakespeare), 1–3, 5, 8, 12, 18, 29, 149, 170  
*Hapgood* (Stoppard), 75, 131–32, 171  
 Happenings, 107  
*Happy Days* (Beckett), 59–60, 119  
 Harth, Erich, 18  
 heat death, 4  
 Hegel, Georg, 15, 59, 103, 104  
 Hegelian dialectic, 133  
 Heisenberg, Werner, 75  
 heliocentrism, 27, 29  
*Henry V* (Shakespeare), 41  
 Hesla, David H., 14, 60  
 heterophenomenology, 34–35  
 Highfield, Roger, 171  
 Hofstadter, Douglas, 73  
 holism, 31, 73–74, 92  
 Holmberg, Arthur, 109–10, 112  
 holograms, 77  
*Holy Ghostly, The* (Shepard), 147  
 Holy Theatre, 12, 15–16, 90, 112, 142, 150, 152, 168  
 homogeneity, 70  
 homosexuality, 125  
 homunculus, 26, 28, 31, 51, 73, 82, 163  
 Hume, David, 81  
 Husserl, Edmund, 23

- Hwang, Henry David, and *M. Butterfly*, 132
- Ibsen, Henrik, 24, 42, 46, 52, 85, 111; and *A Doll's House*, 44, 45; and *Ghosts*, 24, 25, 52; and *When We Dead Awaken*, 52, 112
- Iceman Cometh*, *The* (O'Neill), 35, 50
- Iconoclasm, 152, 153
- idiopathy, 121–22, 123, 159
- implicate reality, 77, 80, 81, 87, 93
- Importance of Being Earnest*, *The* (Wilde), 42, 44–45, 48
- Infernal Machine*, *The* (Cocteau), 46
- impressionism, 23, 40, 107
- individualism, 124, 126, 133, 158–59, 163
- Jacobinsky, Leo, 46
- Jarry, Alfred, and *Ubu Roi*, 54, 55
- Jumpers* (Stoppard), 149
- Jung, Carl, 78, 169
- Kabuki theater, 168
- Kant, Immanuel, 138–39
- Kaprow, Allan, 107
- Kauffman, Stuart, 17, 75, 78, 82
- Kepler, Johannes, 29
- Killing Fields*, *The*, 119
- Knapp, Bettina, 98
- Kosko, Bart, 69, 82, 89, 91
- Krutch, Joseph Wood, 4
- Kumiega, Jennifer, 104
- Kushner, Tony, 133, 141; and *Angels in America*, 124–29, 131, 163, 169
- Lewin, Roger, 83–84, 157–58
- Lie of the Mind*, *A* (Shepard), 145–47
- linearity, 11, 34, 50, 57, 59, 81, 82, 84, 90–92, 98, 101, 105, 111–12, 123, 125, 137, 143, 144–47, 151, 153–56, 161, 170
- logic, 67–71, 89, 95, 131, 140, 141
- Lowell, Robert, 46
- M. Butterfly* (Hwang), 132
- Maeterlinck, Maurice, 16, 24, 54
- magic, 9, 19, 28–29, 123, 127, 141, 152, 167
- Malina, Judith, 107
- Mamelles de Tirésias*, *Les* (Apollinaire), 55
- Mamet, David, and *American Buffalo*, 143
- Marranca, Bonnie, 49, 107–8
- materialism, 8, 20, 21–23, 24, 50, 52, 54, 55, 72, 76, 80, 81, 95, 99–102, 104–6, 117, 121, 134, 144, 148–53, 157, 158, 164, 167, 170, 172
- McGinn, Colin, 167
- mechanism, 3–4, 11–13, 37
- memes, 78–82
- Merleau-Ponty, Maurice, 25
- Midsummer Night's Dream*, *A* (Shakespeare), 167
- Miller, Arthur, and *Death of a Salesman*, 41
- mind, 21, 25, 33, 35, 37, 49, 64
- Miss Julie* (Strindberg), 52
- Moeller, Philip, 51–52
- Molière, 11
- Monet, Claude, 109
- monism, 23
- Moreas, Jean, 12
- Müller, Heiner, 111
- multiple drafts model, 36–37, 62, 67
- multivalence, 68–70, 75–76, 89, 91, 110, 117, 123, 132, 135–37, 141, 160, 170
- mysticism, 12, 67, 73, 75, 96, 100, 101, 103, 106, 111, 116, 123, 124, 146
- nationality, 70, 161
- naturalism, 7, 23–24, 39–40, 46, 52, 110
- neo-romanticism, 39
- neural networks, 43, 67, 69, 73–75, 76, 129, 136, 143, 157–58, 163, 169
- Newton, Isaac, 29, 74
- Newtonianism, 1, 23
- Nietzsche, Friedrich, 138–39, 141, 156
- No Exit* (Sartre), 60
- Noh drama, 54, 91, 169
- non-computational activity, 71–72

- nonlinearity, 7, 34, 50, 98, 101, 148,  
 156, 158, 170. *See also* linearity  
*Not I* (Beckett), 61
- O'Casey, Sean, 168  
 Occam's razor, 172  
*Oedipus Rex* (Sophocles), 46  
 O'Neill, Eugene, 42, 51; and *The  
 Emperor Jones*, 54; and *The Iceman  
 Cometh*, 35, 50  
 Ontological-Hysterical theater, 115–16  
*Oresteian Trilogy, The* (Aeschylus), 30  
 organicism, 3, 87  
 Orientalism, 103
- parallel functions, 34, 37, 49, 69, 91,  
 92, 98, 108, 116, 122, 123, 126, 128,  
 135, 140, 141, 143, 144, 148, 150,  
 154, 156–58, 164  
 Pascal's wager, 172  
 Peat, F. David, 76–77, 78, 148–49,  
 171  
 Penrose, Roger, 71–77, 80, 88, 93, 148  
*Pentecost* (Edgar), 158–65  
 “perfect moment,” 118  
 Performance Group, 116–17  
 performance studies, 64  
 periodicity, 143  
 phenomenology, 24–26, 53, 59–61, 84,  
 116, 143–44  
 Picasso, Pablo, 48, 55  
 pineal gland, 26, 64  
 Pinter, Harold, 24; and *The Caretaker*,  
 143  
 pipe dreams, 50  
 Pirandello, Luigi, 56–59, 63; and *Six  
 Characters in Search of an Author*,  
 56–59  
 plague, 125, 127  
 Plato, 50, 51, 73  
 Plunka, Gene A., 132–33  
 “poetical grasp,” 46  
*Poetics* (Aristotle), 89–90, 91  
 Poincaré, Henri, 6  
 positivism, 4  
 post-anthropocentrism, 85  
 post-humanism, 85  
 postmodernism, 117, 120, 141, 150  
 Poulhan, Jean, 94  
 processing postulate, 32  
 psychology, 51, 99, 117, 133–34,  
 136–37, 139, 144  
 Ptolemaic system, 27, 29–30
- quantum ethics, 75  
 quantum mechanics, 5, 6, 73–75, 77,  
 82, 87, 88, 93, 100, 101, 105, 110,  
 112, 115, 147, 153, 163  
 quasidualism, 76, 82
- randomness, 7, 154  
 rationalism, 46, 54, 89–90, 110, 111,  
 132, 143  
 realism, 14–15, 24, 39, 46, 50–52, 54,  
 55, 126, 145, 147  
 reductionism, 3–4, 11, 21, 22, 89, 121,  
 122, 133  
 relativity, 30  
 revolt, theatre of, 15  
*rheomode*, 88, 90, 93, 162  
 Rice, Elmer, and *The Adding Machine*,  
 51  
*Richard II* (Shakespeare), 168  
 Robinson, Marc, 40, 45–46, 48–50  
*Rock Garden, The* (Shepard), 147  
 romanticism, 45, 61  
*Royal Hunt of the Sun* (Shaffer), 137  
 Russell, J. Scott, 76  
 Ryle, Gilbert, 20
- Sachs, Hans, 138  
 Sartre, Jean Paul, 60–61; and *No Exit*,  
 60  
 Scarry, Elaine, 95, 101–2  
 Schechner, Richard, 90, 107, 111,  
 113–17, 124  
 Schopenhauer, Arthur, 138–39  
 self-awareness, 50  
 self-organization, 17  
 semiotics, 11  
 seriality, 34, 37, 42–44, 59, 68, 82, 84,  
 90, 92, 97–98, 101, 108, 129, 135,  
 137, 140, 143, 144, 150, 154, 156,  
 164

- Shaffer, Peter, 132–42, 147, 149–57, 171; and *Amadeus*, 137; and *Equus*, 133–42, 149–57; and *Gift of the Gorgon*, 149–57, 163; and *Royal Hunt of the Sun*, 137
- Shakespeare, William, 9, 11, 18, 85, 111, 112, 171; and *Hamlet*, 1–3, 5, 8, 9, 12, 18, 29, 149, 170; and *Henry V*, 41; and *King Lear*, 112; and *A Midsummer Night's Dream*, 167; and *Richard II*, 168; and *Twelfth Night*, 10–11
- Shaw, George Bernard, 42, 46; and *Arms and the Man*, 44, 45, 48
- Shepard, Sam, 24, 67, 142–49, 171; and *Buried Child*, 148; and *Curse of the Starving Class*, 144; and *Fool for Love*, 144, 147; and *The Holy Ghostly*, 147; and *A Lie of the Mind*, 145–46, 147; and *The Rock Garden*, 147; and *The Tooth of Crime*, 146–47; and *True West*, 147; and *The Unseen Hand*, 145
- Shlain, Leonard, 55
- signifiers, 25
- Six Characters in Search of an Author* (Pirandello), 56–59
- Six Degrees of Separation* (Guare), 157
- slime mold, 162–63
- Smuts, Jan Christian, 67–68, 92–93
- soft-wiring, 43, 49
- solitons, 76–77, 80, 96–97
- Sontag, Susan, 98–99, 116
- Sophocles, and *Oedipus Rex*, 46
- soul, 19, 26, 30, 31, 80–83, 97, 122, 123, 146, 152, 171
- “soul-complex,” 40
- “Stanislavski system,” the, 90
- Star Wars*, 1
- States, Bert O., 13–14, 23–26, 40, 51
- Stebbins, G. L., 70, 78
- Stein, Gertrude, 48–52, 87, 107, 116, 148; and *The Autobiography of Alice B. Toklas*, 48; and *Four Saints in Three Acts*, 49–50; and *What Happened: A Play*, 49–50
- Stoppard, Tom, 132; and *Arcadia*, 55, 169–70, 171; and *Hapgood*, 75, 131–32, 171; and *Jumpers*, 149
- stream of consciousness, 36, 93
- Streetcar Named Desire, A*, (Williams), 41
- Strindberg, August, 39–40, 52; and *The Ghost Sonata*, 25, 52; and *Miss Julie*, 52
- structuralism, 168–69
- Styan, J. L., 39–40, 53–55
- superorganism, 158
- superpositioning, 73, 97, 131–32
- surrealism, 54
- Swimme, Brian, 91–92
- Swimming to Cambodia* (Gray), 117–20
- symbolism, 53–55, 63
- syuzhet*, 46, 47
- template theory, 70, 78
- terrain, 49–50
- theory models, 29–30
- Thespis, 9
- Three Places in Rhode Island* (Gray), 114
- Tooth of Crime, The* (Shepard), 146–47
- “top-down,” 4, 6, 95, 146, 158, 167
- Top Girls* (Churchill), 70–71
- True West* (Shepard), 147
- Twelfth Night* (Shakespeare), 10–11
- Ubu Roi* (Jarry), 54, 55
- Unamuno, Miguel de, 145, 146
- “unhappy conscious,” 15, 59, 103
- Unseen Hand, The* (Shepard), 145
- Uttal, William R., 31
- Vanden Heuvel, Michael, 48, 111, 142–43
- via negativa*, 101, 102
- Viola, Bill, 107
- visual awareness, 31–32, 34, 36, 98, 120–22
- vitalism, 3–5, 11–13, 93, 95, 167
- Waiting for Godot* (Beckett), 60, 61–62
- Waldrop, M. Mitchell, 76
- Watson, James D., 30
- Weil, Simone, 104

- Weiss, Peter, 24  
*What Happened: A Play* (Stein), 49–50  
*When We Dead Awaken* (Ibsen), 52, 112
- Wilde, Oscar, 45, 46, 59; and *The Importance of Being Earnest*, 42, 44–45, 48
- Wiles, Timothy, 94–95, 98, 101, 103–4
- Williams, Tennessee, 40; and *Cat on a Hot Tin Roof*, 41; and *A Streetcar Named Desire*, 41
- Wilson, Edward O., 158
- Wilson, Robert, 67, 107–13, 115, 118, 125, 129, 132, 171; and *CIVILWarS*, 108, 112–13; and *Einstein on the Beach*, 108–11
- Wittgenstein, 83–84, 97
- Woods, Vincent, and *At the Black Pig's Dyke*, 168
- Wooster Group, The, 115, 117
- Yeats, William Butler, 54, 91, 169
- Zola, Émile, 13
- Zoo Story, The* (Albee), 149