

# Index

(References to musical examples and illustrations are in **bold**)

- Aagaard, Ellen 347  
Ablinger, Peter 70  
    *Listening Piece in Four Parts*, grid **41**  
    *Quadraturen*, transcriptions 72  
    *Voices and Piano* 72  
    *Weiss/Weisslich 5*: 41  
    *Weiss/Weisslich 11b*, transcriptions 72  
Abstract Impressionists 199, 203–4  
acousmatic notion, Schaeffer 214  
acoustic ecology 188–9  
    *see also* soundscapes  
acoustic signature, places 159  
Adams, Mags 191  
af Klintberg, Bengt, *Forest Event Number 6*:  
    181  
Amirkhanian, Charles, *Walking Tune (A  
    Room-Music for Percy Grainger)* 169  
AMM ensemble 133, 136, 139  
    reviews 142  
Andre, Carl 182  
Apartment House 25, 245  
Arditti String Quartet 140  
art  
    Greenberg on 209–10  
    life, boundary blurring 180–81, 206  
art school teachers, experimental  
    composers as 210  
art-making, experimental 204  
asamisimasa 310  
Ashbery, John 364  
Asher, Michael, *Air Sculptures* 215  
Ashley, Robert 349  
    *Private Parts (The Record)*, score 52–3  
atmosphere, notion 148  
Attali, Jacques 215–16  
attention, Günter on 272–3  
Aufermann, Knut 126  
Augoyard, Jean-François 213  
    *Step by Step* 172–3  
aural analysis 118  
aural *flâneur*  
    Beethoven as 167, 168  
    composer as 167  
    *see also* walking  
avant-garde music  
    acceptance 134–5  
    black jazz 135–6  
    and experimental music 1, 8–9, 12  
Bach, Bogen 263  
Bailey, Derek 115, 116, 123, 126–7, 253, 333  
Barlow, Clarence 10  
Barry, Robert 215  
Barthes, Roland 346  
bastardization, of technology 117  
Batchelor, David 159  
Baudelaire, Charles, *Les Fleurs du Mal* 167  
Beach Boys, *Good Vibrations* 99  
Beckett, Samuel 57  
Beethoven, Ludwig van, as aural *flâneur*  
    167, 168  
Behrman, David, *Runthrough* 99–100  
Bell, Daniel 215  
Bell Laboratories, Experiments in Art and  
    Technology (EAT) 107  
Benjamin, Walter, *The Arcades Project* 167  
Bentos, Pentos Fray 125  
Berberian, Cathy, *Stripsody* 347  
Beresford, Steve 210  
Beuger, Antoine 225–6  
    on duo music 233, 235–6  
    on duration 241  
    on Emily Dickinson 235–6  
    interview with 231–41

- on number 233–5  
 on repetition 240  
 on similarity 240–41  
 on solo music 233  
 on sounds 232  
 ‘timeless noise’ 231  
 works  
   *auch da* 73  
   *aus dem garten* 233, 238  
   *aus den liedern* 73, **74**  
   *badiou tunings for eighteen* 37, **39**  
   *cadmiumgelb* 238  
   *calme étendue* 54, 69, 233, 237–8  
   *cantor quartets* 234, 235, 239  
   *ce qui passe* 239  
   *dedekind duos* 225, 239  
   *dialogues (silences)* 43  
   *ein ton. eher kurz. sehr leise.* 59, 60, **61**,  
     233, 238  
   *first/second music for marcia hafif* 34,  
     237  
   *ins ungebundene* 233, 238  
   *landscapes of absence* 236, 238–9  
   *ockeghem octets* 37, **38**  
   *place* 237  
   *que le lieu* 239  
   *sound* 237  
   *things taking place* 43  
   *tout à fait solitaire* 233, 238
- Beuys, Joseph 197  
 black jazz 135–6  
 Black Mountain College 175, 176, 199, 201,  
   209  
 Bley, Paul 277  
 Böhme, Gernot 147, 148, 151  
 Booth, Laurie 293, 294  
 Boulez, Pierre  
   IRCAM institute 139  
   *Second Piano Sonata* 101  
   on serialism 138
- Bourriaud, Nicolas, *Relational Aesthetics* 216  
 Bowers, John 125  
 Braxton, Anthony 47, 136  
 Brecht, George 105, 180, 205, 206  
   ‘Water Yam’ 28, 32, 43, 180  
   works  
     *Bach* **33**  
     *Candle Piece for Radios* 32  
     *Flute Solo* 32  
     *Motor Vehicle Sundown Event* 32  
     *Organ Piece* **33**, 34  
     *Suitcase* **33**  
     *Symphony, 1962* 34  
     *Three Window Events* 207  
     *Timetable Music* 32, 207  
     *Trumpet* 63
- Brötzmann, Peter 333  
 Brown, Earle 201  
   *December, 1952* 43, 92, 200, 202  
   *Four Systems* 92  
   *Twenty-Five Pages* 92
- Bryars, Gavin 7, 8, 210  
   *Jesus’ Blood Never Failed Me Yet* 11  
   *The Sinking of the Titanic* 23–4, 303
- Budd, Harold 59  
 Burns, Christopher 121  
 Burtner, Matthew 121  
 Busoni, Ferruccio 335  
 Bussoti, Sylvano 103
- Caesar, Rodolfo 119  
 Cage, John 8, 78, 171  
   artists, collaboration with 199–200  
   Duchamp, influence of 204  
   on experimental music 206  
   experimental music course 104–5  
   Flynt on 208–9  
   *I Ching* use 35, 40, 136, 137, 197  
   notations 28, **29**, 30–31, 44–5  
   on percussion music 115  
   on performance 82–3  
   on structure 201  
   teaching 180  
   ‘The Future of Music: Credo’ 114  
   and theatre 204  
   time brackets 103–4  
   on walking 173  
   walking 175–6, 187  
   works  
     0’00’’ 106  
       duration 67  
       text score 73  
     4’33’’ 28, 42, 43, 63, 104, 137, 176,  
       185, 210  
       contexts 178–80, 203  
       duration 63, 67  
     *Atlas Eclipticalis* 30, 32, 67  
     *Cartridge Music* 67, 103, 109, 111  
     *Child of Tree*, score **46**

- Concert for Piano and Orchestra* 23,  
 28, 100, 102  
*Fifty-Eight* 177  
*Fontana Mix* 67, 100  
*For the Birds* 106  
*Four*<sup>6</sup> 104  
*Hymns and Variations* 265  
*Imaginary Landscape No. 1*, live  
 electronic music 114–15  
*Lecture on Nothing* 52, 53, 204  
*Music of Changes*  
 chance processes 81–2, 82, 83, 90,  
 101–2, 111  
 performance 90, 101, 367–8  
*Music for Piano* 30, 67  
*Music Walk* 177  
*Musircus* 177  
*Notations* 47  
*Radio Music* 67  
*Rholywholyover*, exhibition 196–9,  
 198, 214  
*Roaratorio: An Irish Circus on  
 Finnegans Wake* 57  
*Ryoanji* 42  
*Silence* 26  
*Sixteen Dances* 16  
*Solo for Piano*, notations 28, 29, 30,  
 32, 40, 103  
*Song Books* 23, 106  
*untitled event*, soundwalking 176  
*Variations* series 2–3, 15, 44, 103  
 performance 105–6  
 score 89–90  
*Variations I* 136, 137  
*Variations II* 105  
*Variations III* 44  
*Water Music* 115, 176  
*Water Walk* 177  
*Williams Mix* 67, 83  
*Winter Music* 27, 32, 67  
 performance 102  
 capitalism, and music 131–2  
 Cardew, Cornelius 7, 78, 133, 137, 139, 210  
 marginalization 209  
*Scratch Music*, editor 184  
 on Stockhausen 140  
*Stockhausen Serves Imperialism* 9, 12  
 works  
*Schooltime Compositions* 23  
*The Great Learning* 9, 27  
 score 47  
*The Tiger's Mind* 11  
*Treatise* 11, 27  
 performance 93  
 score 45, 47  
 Cardiff, Janet, *The Walk Book* 163  
 Caro, Antony 264  
 Carter, Elliott, *Syringa* 364  
 celebrity  
 and music 139–40  
 myth 142  
 cello, electric, Günter on 277–8  
 Chadabe, Joel 115  
 Charles, Xavier 118  
 Chernobyl 157  
 Chinati Foundation, Texas 158  
 Chion, Michel 214  
 Chladni, Ernst 48  
 Coleridge, Samuel Taylor 169–70  
 collaboration, Jeck on 302–3  
 Collins, Nicolas 128  
 composer, as aural *flâneur* 167  
 composer-controller-genius notion 141  
 composer-performer paradigm 116  
 'Concept Art', Flynt 208  
 concert hall, expectations 16  
 Conrad, Tony 157, 208  
 consonance/dissonance, Fox on 262  
*Contact* 8  
*Contemporary Music Review* 7  
 contingent processes, Wolff 359–60, 363,  
 367–8  
*Contrechamps* 8  
 Coomaraswamy, Ananda 103  
 Corner, Philip 3, 177  
*I Can Walk Through the World* 185  
 walking 185  
 Coxhill, Lol 210  
 Crane, Laurence 222, 224  
 abstract music 243, 244  
 interview with 243–52  
 materials 245  
 noise 245–6  
 on repetition 248–9  
 on simplicity 251–2  
 titles, use of 243  
 working methods 246, 248, 249–50  
 works  
*Come back to the old specimen cabinet  
 John Vigani, John Vigani part 3:247*

- Four Miniatures* 245, 246–7  
*Four Pieces for Alto and Bass Flutes* 243  
*John White in Berlin* 245, 250, 251  
*Movement for 10 Musicians* 247–8, 249, 250, 251  
*Raimondas Rumsas* 243  
*Riis* 250  
*Seven Short Pieces* 243, 245  
*Two Movements for Small Harp* 243  
*Ullrich 1 and 2*: 245, 250, 251  
*West Sussex Folk Material* 250, 251
- creative abuse  
     definition 116  
     instrumentalizing 116–18
- Creed, Martin 193, 216–17
- Cross, Lowell 110
- cultural knowledge, Günter on 271–2
- Cunningham, Merce 90  
     *Dance Company* 100, 111, 134  
     *How to Pass, Kick, Fall and Run* 178
- Cusack, Peter 148, 191, 210  
     *Baikal Ice* 151–3  
     *Noises Off: Sound Beyond Music* 152  
     soundscapes 151–3
- Cutler, Chris 135
- dance, minimalism 182
- Darmstadt school 104, 136, 137–8
- Darmstädter Ferienkurse 9, 25, 224
- Davies, Hugh 122, 333  
     *At Home* 184  
     *Sounds Heard* 184
- Davies, Rhodri 3, 228  
     group playing 256  
     harp playing 253–4  
     on improvisation 256–8  
     interview with 253–9  
     playing techniques 255–6  
     on reductionism 258
- de Kooning, Elaine 199
- de Kooning, Willem 197, 199
- Dean, Roger 127
- Dean, Tacita, *Foley Artist* 214
- Deleuze, Gilles, *Spinoza: Practical Philosophy*, musical setting 53
- di Scipio, Agostino 151
- Dickinson, Emily, Beuger on 235–6
- Dixieland jazz 360
- Drever, John Levack 3, 4
- Duchamp, Marcel 197  
     *Bottle Rack* 210  
     *Fountain* 178, 210  
     influence on Cage 204
- Dunn, Robert 182
- duration 63, 67–9  
     0'00'' (Cage) 67  
     4'33'' (Cage) 63, 67  
     Beuger on 241  
     *expanding space in limited time* (Shim) 67–8  
     Jeck on 301–2  
     *STIMMEN* (Inderhees) 68
- Eastley, Max 210
- electronic music *see* live electronic music
- Emily Harvey Gallery, New York 208
- everyday life  
     definition 164  
     and soundwalking 164–5
- EXAUDI 25, 264
- experimental composers, as art school teachers 210
- experimental music  
     and avant-garde music 1, 8–9, 12  
     Cage on 206  
     Cage's course 104–5  
     characteristics 2, 8  
     multiple readings 2  
     performance 77, 79, 98  
     periodicals 8  
     possibilities 76  
     presentation modes 16, 21  
     score 27–8  
     and visual arts 4, 211, 212  
     *see also* free improvisation
- Experiments in Art and Technology (EAT), Bell Laboratories 107
- Feldman, Morton 8, 27, 43, 199, 200, 201  
     ‘Crippled Symmetry’ 287  
     Ostrow on 210–11  
     works  
         *For Philip Guston* 68  
         *Intersection 2* 40, 44  
         *Ixion* 35  
         *String Quartet II* 68, 275  
         *Triadic Memories*, notation 85
- Ferneyhough, Brian 10

- 'Duration and Rhythm as  
Compositional Resources' 287
- Ferrari, Luc 191
- Fetterman, William 176
- Filliou, Robert 209
- films, Niblock's 328
- Finnissy, Michael 10, 87  
*English Country Tunes* 89  
*Folklore* 88  
*Jazz* 89
- Fischer, Tobias 146
- Flavin, Dan 182
- Fluxus 57  
 happenings 206  
 walking compositions 180–81
- Flynn, George 27
- Flynt, Henry 207–8  
 on Cage 208–9  
 'Concept Art' 208
- Fontana, Bill 147
- Fox, Christopher 1, 222  
 on consonance/dissonance 262  
 interview with 261–9  
 musical development 25–6  
 on notation 268  
 on self-similarity 263–4  
 working methods 267–8  
 works  
*Alarmed and Dangerous* 266  
*American Choruses* 25  
*an der Schattengrenze* 261  
*BLANK* 266–7  
*Canonic Breaks* 261  
*Cylinders Barn* 16  
*Everything You Need to Know* 13, 16,  
 24, 222, 262, 268  
*Catalogue irraisonné*, music  
 example 22  
 as ensemble-installation 21  
*Generic Compositions* 21–3, 23,  
 263  
 performance spaces 22  
 precursors 23  
 structure 21–2  
*The Grain of Abstraction* 266  
*hearing not thinking* 24  
*Iridescence* 268  
*klaxonik* 266  
*Liquid Architecture* 268  
*Louisiana* 14  
*MERZsonata* 13, 14, 16, 265  
*More things in the air than are visible*  
 265  
*Open the gate* 267  
*Prime Site* 267  
*Strangers in our midst* 13  
 source 21  
 street performance 16, 21  
*Themes and Variations* 13, 15–16,  
 264–5  
 music examples 17–20  
*Three Constructions after Kurt*  
*Schwitters* 13, 14, 15, 21, 265  
*ZONE* 265–6
- free improvisation  
 as alternative cultural form 132  
 radicalism 134  
 and self-invention 133–4  
 vs formal music 133
- Free Jazz 132fn4, 278
- Frey, Jürg  
*Die meisten Sachen macht man selten* (1)  
 36  
*Lovaty*, list score 54–5, 56, 57
- Fried, Michael 159
- Friedman, Ken 4
- Frith, Wendy 14
- Fulleman, John 108
- Gibson, David 314–15
- Gillmor, Alan 170
- Gilpin, William 160
- Glass, Philip 285
- Goldstein, Jack 214
- Gordon, Douglas, *Feature Film* 216
- Grainger, Percy, *Walking Tune* 169
- Greenberg, Clement 194, 195, 196, 215  
 on art 209–10
- grid, in notations 40–41
- Grosskopf, Erhard 8
- Günter, Bernhard  
 Arabic music 281  
 on attention 272–3  
 on cultural knowledge 271–2  
 on electric cello 277–8  
 on headphones use 273  
 on improvisation 279–80  
 interview with 271–81  
 on perfection 280  
 Smith, collaboration 281

- on sound 276–7
- on timing 274–6
  - un peu de neige salie* 226
  - on Zen Buddhism 272
- Guo-Qiang, Cai 54
- Guy, Barry 333
  
- Hafif, Marcia 237, 240
- Halbreich, Harry 10
- Halliwell, Graham 117, 226, 278
- Hamilton, Andy, *Aesthetics & Music* 147
- Hannan, Peter 25
- Hansen, Al 180, 205, 206, 207
- happenings
  - categories of 206
  - characteristics 205
  - Fluxus 206
- harp playing, Davies 253–4
- Harrison, Bryn 222, 223
  - Bridget Riley's influence 290
  - on improvisation 283
  - interview with 283–92
  - on notation 291–2
  - on structure 284–5
  - time brackets 287–8
  - working methods 283–5
  - works
    - être temps* 285, 289, 292
    - score 86, 87
    - Flowers Fall* 286, 289
    - four cycles* 284, 290
    - Four Parts to Centre* 284, 285
    - the ground* 284, 288
    - I-V* 287, 289
    - low time patterns* [# 1-5] 284, 285, 286, 288
    - Octet* 284, 285
    - Open 2:* 284
    - Return* 289
    - Rise* 285, 290
    - six symmetries* 284, 285, 286, 288, 290, 292
- Hay, Deborah 107
- Hayward, Robin 307
- headphones, Günter on 273
- Heaton, Roger 25
- Helmholtz-Ellis, notation 35
- Henze, Hans Werner 9–10
- Higgins, Dick 180, 205, 206
  - Gångsång: For Ben Patterson* 181
- Hijmans, Wiek 366
- Hinant, Guy Marc 159
- Holzappel, John 102
- Hugonin, James 289, 291
- Hultberg, Teddy 103
- Hussein, Zakir 280
- Hutcheon, Linda 11
  
- I Ching*, use by
  - Cage 35, 40, 136, 137, 197
  - Jung 136, 137
- Ihde, Don 179
- images, in notations 43–8
- improvisation
  - Davies on 256–8
  - Günter on 279–80
  - Parker on 331–2, 335–6
  - types 127–8
  - see also* free improvisation; music, improvised
- in situ* concept, and soundwalking 166–7
- Inderhees, Carlo
  - für sich* 68
  - STIMMEN*, duration 68
- instrumentalizing
  - aim 113
  - concept 113
  - creative abuse 116–18
  - and performance 113–14, 129
  - sound-shaping 121–3
- instruments
  - ad hoc 125
  - choice, Niblock 313–15
  - as material 117
- interview books 221–2
- IRCAM institute, Boulez 139
- Iris Clert Gallery, Paris 214–15
- Ives, Charles 15
- Ives Ensemble 21, 24, 25, 247, 249
  
- Jameson, Frederic 215
- Jeck, Philip 228–9
  - on collaboration 302–3
  - on duration 301–2
  - installation work 304
  - interview with 293–304
  - on layers 300
  - minidisc use 301
  - on sound 299–300
  - vinyl, use 293–4, 297–8

- Vinyl Requiem* 300  
 working methods 296–7, 298–9
- Jenny, Hans 48  
 Johns, Jasper 197, 204  
 Johnson, Tom 264  
 Johnston, Ben 35  
 Johnston, Jill 177, 198  
 Jordà, Sergi 126  
 Judd, Donald 182  
 Judson Dance Theater 182, 185  
 Jung, C.G., *I Ching* use 136, 137
- Kagel, Mauricio  
   *Acustica* 3, 23  
   *Ludwig van* 9  
   *Staatstheater* 9, 23
- Kahn, Douglas 179–80  
 Kahn, Jason 146  
 Kaprow, Allan 180, 197, 203, 204  
   ‘life-like art’ 206  
   works  
     *18 Happenings in 6 Parts* 205  
     *On/Off* 206–7
- Keep, Andy 3
- Kelley, Mike 212
- Kirkegaard, Jacob 148  
   *4 Rooms* 157  
   *Eldfjall* 156–7  
   soundscapes 156–8
- Klangstaub 281
- Klein, Yves, *The Void* 214–15
- Kline, Franz 176, 197, 199
- Knepper, Jimmy 334
- Knizak, Milan, *Walking Event* 181
- Knowles, Alison 4  
   *Notations* 47  
   *Shuffle* 181
- Kontz, Catherine, *Tea Ceremony* 257
- Koons, Jeff 212
- Kosugi, Takehisa, *Theatre Music* 181
- Kotik, Petr 226, 363
- Kotz, Liz 104
- Kramer, Jonathan, vertical time concept 285
- Krieger, Ulrich 314, 315
- Kubisch, Christina, electromagnetic  
   induction installations 213–14
- Kudirka, Joseph, *Beauty and Industry*  
   performance 95  
   score 95, 96
- Kuivila, Ronald 3
- LaBelle, Brandon 149, 155
- Lachenmann, Helmut 278
- Lake, Steve 333
- Land Art/Earthworks movement 147
- layers, Jeck on 300
- Lazar, Julie 196, 197, 214
- Le Corbusier, Philips Pavilion 107
- Lefebvre, Henri 164
- Lely, John, *All About The Piano*  
   performance 96, 98  
   score 96, 97
- Leonardo Music Journal* 152
- Lewis, George 334
- LeWitt, Sol 44, 197, 208  
   *Curved Wall* 309
- Licht, Alan 147
- life  
   art, boundary blurring 180–81, 206  
   *see also* everyday life
- ‘life-like art’, Kaprow 206
- line, the, in notations 41–2
- list, the  
   in notations 54–5, 56, 57  
   and performance 54
- listening  
   excursions, Neuhaus 186–7  
   virtuoso 118–19  
   *see also* aural *flâneur*
- live electronic music 99–112  
   circuit bending 111  
   definition 99  
   *Imaginary Landscape No. 1* (Cage) 114–15  
   improvised equipment 99  
   as liminal situation 111  
   origins 100  
   score, role of 3
- London Musicians Collective 293
- Lucier, Alvin 36, 128, 226–7  
   interview with 305–11  
   on notation 307–8  
   text notation 308  
   works  
     *Canon* 310  
     *Cassiopeia* 42  
     *Chambers*, score 54  
     *Charles Curtis* 72, 305  
     *Coda Variations* 307  
     *Diamonds* 42, 227  
     *Fideliotrio* 306

- I am Sitting in a Room* 157, 227, 309, 347  
*Letters*, transcriptions 72  
*Music with Missing Parts* 309  
*Music for Piano* 308  
*Panorama* 42  
*Queen of the South* 27  
     score 48  
*Sestina* 306  
*Still Lives* 307–8  
     sine tones 42, 227  
Lukoszevieve, Anton 25  
Lyotard, Jean-François 215  
     on music 203  
Lytton, Paul 333
- McDowall, John, *passage* 291  
Maciunas, George 181, 197, 206  
MacLow, Jackson 180, 205  
Maconie, Robin, on technology 142–3  
Mahler, Gustav  
     *Der Trunkene im Frühling* 170  
     *Symphony No.3 in D Minor* 170  
     walking 169  
Mallarmé, Stéphane, *Un coup de dés* 59  
Maqamat modes 281  
Marchetti, Walter 147  
Marclay, Christian 296  
     *Guitar Drag* 212–13  
     *Video Quartet* 216  
Marden, Brice 289  
marginalization, of Cardew 209  
Martin, Agnes 289  
Matter, Mercedes 199  
Mengelberg, Misha 333  
Merce Cunningham Dance Company *see*  
     *under* Cunningham  
minidisc use, Jeck 301  
minimalism 159, 362  
     dance 182  
Mizutani, Kiyoshi 148  
     *Bird Songs* 153  
     *Scenery of the Border* 153–4  
     *Transcend Sideways* 153  
     *Waterscape* 153  
Mochetti, Maurizio 309  
Monet, Claude, *Nymphéas (Water Lilies)* 68  
Monk, Meredith 182  
Monk, Thelonious 333, 334  
Montgomery, Will 3, 4
- Mooney, Liam 48  
Morris, Robert 159  
Mozart, Wolfgang Amadeus, *Requiem* 309  
Mumma, Gordon 128  
music  
     Arabic, Günter 281  
     and capitalism 131–2  
     and celebrity 139–40  
     duo, Beuger on 233, 235–6  
     found 115, 264, 293  
     improvised 3, 115, 117, 118  
     indeterminate 89–93  
     Lyotard on 203  
     and nature 153  
     Sacks on 192  
     solo, Beuger on 233  
     sound, distinction 147  
     *see also* experimental music  
Music Improvisation Company 333  
Muybridge, Eadweard 182
- Nancarrow, Conlon, 10, 34fn8, 72  
nature  
     and music 153  
     sounds 169–70  
Nauman, Bruce 147  
     studio walks 182–3  
     works  
         *Mapping the Studio* 215  
         *Raw Materials* 213  
Neuhaus, Max 212  
     *Listen* 213  
     listening excursions 186–7  
New London Silence 228  
New School for Social Research 104, 185,  
     204–5  
Newman, Barnett 197  
Newman, Hayley 193  
Niblock, Phill 212, 226  
     films 328  
     instrument choice 313–15  
     interview with 313–29  
     on notation 325  
     performance issues 320–25  
     on sound 313  
     on structure 317  
     tape recorders, use 318–19  
     works  
         *Disseminate* 324, 327  
         *Five or More String Quartets* 327

- Stosspeng* 317–18, 329  
*Three Orchids* 326  
 Nicolaus, Christoph 68  
 Noszferatu ensemble 245, 246, 262  
 notation/s  
   Cage, *Solo for Piano* 28, **29**, 30–31, 32, 40, 103  
   complex 81–9  
     and performance 86, 87, 89  
   Fox on 268  
   function 86  
   grid 40–41  
     illustrations **40–41**  
   Harrison on 291–2  
   Helmholtz-Ellis 35  
   images 43–8  
   *Klavierstück I* (Stockhausen) 85  
   the line 41–2  
   the list 54–7  
     *Lovaty* (Frey) 54–5, **56**  
   Lucier on 307–8  
   Niblock on 325  
   numbers in 35–7, **38–9**  
   omissions 69–70  
   the page 43  
   and performance 86  
   *piano piece* (Parkinson) 94  
   poetic 57–62  
   the point 32–5  
   in prose 48, **49**, 50–54  
   role 2  
   texts, Lucier 308  
   titles 63, **64–6**  
   transcriptions 70, 72–3  
   *Triadic Memories* (Feldman) 85  
   Walshe on 349  
   Werder on 355  
   writing as process 73, 75–6  
   *see also* score  
 number, Beuger on 233–5  
 numbers, in notations 35–7, **38–9**  
 Nyman, Michael 117  
   *Experimental Music: Cage and Beyond* 1, 7, 8, 9, 24  
  
 objects  
   excitation 122  
   playability 120  
   sound potential 3–4, 119–20  
 Oliveros, Pauline 321  
  
   Deep Listening 175, 344  
   *Extreme Slow Walk* 175  
   *The Deep Listening Pieces*, score **51**  
 Olmsted, Frederick Law, on the  
   picturesque 160–61  
 Olson, Charles 176  
 omissions, notation/s 69–70  
 One Minute Wonders project 286  
 Ono, Yoko 105, 206  
   *Box Piece* **58**  
   *Grapefruit* book 57, **58**  
   *Map Piece* **58**  
   *Walk Piece* 181  
 Orledge, Robert 170  
 O'Rourke, Jim 316  
 oscillators 122  
 Ostrow, Saul, on Feldman 210–11  
 Oud 281  
  
 Paetzhold, Heinz 147  
 page, the, in notations 43  
 Paik, Nam June 179, 206  
 painting  
   action 201  
   modernist 194, 195  
 Palestine, Charlemagne 216  
   *Island Song* 212  
 Parker, Charlie 334  
 Parker, Evan 3, 124, 227–8  
   on improvisation 331–2, 335–6  
   interview with 331–6  
   on recording 336  
 Parkinson, Tim 222, 223  
   interview with 337–42  
   materials 337–40  
   *piano piece*  
     notation 9  
     performance 94, **95**  
     working methods 340–41  
 Parsons, Michael 183, 210  
   *Fourths and Fifths* **92**  
 Patterson, Ben  
   *The Liverpool Song-Lines* 181  
   *Tour* 166, 181  
 Patterson, Lee 119–20  
 Pavia, Philip 199  
 Paxton, Steve 182  
 Peace Walks 174–5, 187  
 Peebles, Sarah 191  
 percussion music, Cage on 115

- perfection, Günter on 280
- performance  
 action, focus on 94  
*All About The Piano* (Lely) 96, 98  
*Beauty and Industry* (Kudirka) 95  
 Cage on 82–3  
 and complex notation/s 86, 87, 89  
*Duo for Pianists II* (Wolff) 80–81  
 experimental music 77, 79, 98  
 and instrumentalizing 113–14, 129  
 issues, Niblock 320–25  
*Klavierstück I* (Stockhausen) 84–5  
     notation 85  
 and the list 54  
*Music of Changes* (Cage) 90, 101  
 and notation/s 86  
*Piano Phase* (Reich) 91–2  
 practice, distinction 334–5  
 and prose 52  
 referents 127–8  
*Treatise* (Cardew) 93  
*Variations* (Cage) 105–6  
*Vexations* (Satie) 171  
 Werder on 356–7  
*Winter Music* (Cage) 102  
 Wolff on 361–2
- performer, Walshe as 347–8
- Peripatetics 168
- Philip Glass Ensemble, *Music in Twelve Parts* 7
- Philips Pavilion 151
- phonography, meaning 145fn2
- picturesque, the, Olmsted on 160–61
- Pisaro, Michael 2  
     *a certain species of eternity* 34–5  
     *braids* 43  
     *leaves* 43  
     *nachtstimmung* 40  
     *pi* (1-2594) 36  
     *ricefall, grid* 40  
     *So little to do [harmony series 6]* 71  
     *A wave and waves* 40
- places, acoustic signature 159
- poems, in notations 57–62
- point, in notations 32–5
- Pollock, Jackson 202
- Ponge, Francis 57
- Potter, Keith 8
- practice, performance, distinction 334–5
- Pressing, Jeff 127
- Prévost, Edwin 3, 117, 125  
     *No Sound is Innocent* 133
- Price, Uvedale 160
- Pritchett, James 103, 105, 179
- Pro Tools, music software 314, 315, 318, 319, 320
- prose  
     notations in 48, 49, 50–54  
     and performance 52
- Radigue, Eliane 157
- Radulescu, Horatiu 10
- Rainer, Yvonne, *Trio A* 182
- Raschèr, Sigurd, *Top Tones* 334
- Rauschenberg, Robert 107, 176, 178, 197  
     white paintings 203
- recording, Parker on 336
- reductionism, Davies on 258
- Reed, David 211
- Reich, Steve 8  
     *The Desert Music* 9  
     *Drumming, Six Pianos... 7*  
     *Pendulum Music* 9  
     *Piano Phase*, performance 91–2
- Reinhardt, Ad 197
- repetition  
     Beuger on 240  
     Crane on 248–9  
     Harrison on 283  
     *see also* timing
- Respighi, Ottorino, *Pines of Rome* 99
- Retallack, Joan 187
- Reub, Teri, *Trace* 163
- Reuben Gallery, New York 205
- Richard, Mike, *Affects, Affections* 1-4:53–4
- Richards, John 117
- Richards, M.C. 176
- Rijnvos, Richard 264
- Riley, Bridget, influence on Harrison 290
- Rosenberg, Harold 200, 201
- Rothko, Mark 197
- Ruggles, Carl 248
- Russell, Ken, *Mahler* 170
- Ryan, David 4
- Rzewski, Frederic 359, 362
- Sabat, Marc 35
- Sacks, Oliver, on music 192
- Sala, Anri 193
- Sandler, Irving 199, 204

- SAP(e)281  
 sarod 296  
 Sarraute, Nathalie, *Tropismes* 57  
 Satie, Erik  
   Shattuck on 170  
   walking 170–71  
   works  
     *Musique d'ameublement* 172  
     *Parade* 171  
     *Vexations*, performance 171  
 Saunders, James  
   #200203: 75  
   #[unassigned] 75  
 Scelsi, Giacinto 10  
 Schaeffer, Pierre, acousmatic notion 214  
 Schafer, R. Murray 145, 160, 188  
 Schumacher, Michael 111–12  
 Schweinitz, Wolfgang von 35  
 Schwitters, Kurt, *Ursonate* 13–14, 347  
 Scorch, Rob 266  
 score  
   in experimental music 27–8  
   in live electronic music 3  
   as material 27  
   and performing space 40–41  
   works  
     *All About The Piano* (Lely) 96, 97  
     *Beauty and Industry* (Kudirka) 95, 96  
     *Chambers* (Lucier) 54  
     *Child of Tree* (Cage) 46  
     *Duo for Pianists II* (Wolff) 80, 81, 86  
     *être temps* (Harrison) 86, 87  
     *Fits and Starts* (Wolff) 49, 50  
     *Lovaty* (Frey) 54–5, 56, 57  
     *Private Parts (The Record)* (Ashley)  
       52–3  
     *Queen of the South* (Lucier) 48  
     *Solo for Piano* (Cage) 28, 29, 30  
     *The Deep Listening Pieces* (Oliveros)  
       51  
     *The Great Learning* (Cardew) 47  
     *Treatise* (Cardew) 45, 47  
     *Variations* (Cage) 44–5, 89–90  
   see also notation/s  
 Scratch Orchestra 7, 224  
   *Parsons' Walk* 184  
   and visual artists 210  
   and walking 183–4  
 self-invention, and free improvisation  
   133–4  
 self-similarity, Fox on 263–4  
 serialism, Boulez on 138  
 Serres, Michael 166  
 Shattuck, Roger, on Satie 170  
 Shepherd, Craig, *Lines* (1) 42  
 Shim, Kunsu, *expanding space in limited  
 time*, duration 67–8  
 silence, in visual arts 214–15  
 similarity, Beuger on 240–41  
 Simmel, Georg 167  
 simplicity, Crane on 251–2  
 Simpson, Dallas 191  
 Skempton, Howard 7, 224, 244, 251  
 skill  
   improviser's 123, 124  
   levels 126  
   notions of 123–7  
 Smith, Dave 7  
 Smith, Gary, Günter, collaboration 281  
 Smith, Hazel 127  
 Smith, Kelvin 14  
 Smith, Wadada Leo 47  
 Smithson, Robert 160  
   Non-site series 147  
 Snijders, John 25  
 Solnit, Rebecca, *Wanderlust* 168–9  
 sound/s  
   Beuger on 232  
   configuration 121  
   experiments 107–8  
   Günter on 276–7  
   interiority of 119  
   Jeck on 299–300  
   looped 128  
   music, distinction 147  
   nature 169–70  
   Niblock on 313  
   as *objets trouvés* 214  
   potential, objects 3–4  
   shaping, instrumentalizing 121–3  
   spatiality 213–14  
   Tudor on 124  
   Walshe on 343–7  
*Soundscape: the Journal of Acoustic Ecology*  
   148  
 soundscapes 160–61  
   Cusack 151–3  
   definition 188  
   as imaginary landscapes 150  
   Kirkegaard 156–8

- Mizutani 153–4  
 theory 146  
 Tsunoda 155–6  
 Vitiello 158–60  
 Watson 149–50
- soundwalking  
 background noise 166  
 definition 163, 188  
   listening walk 189  
 empowerment 192  
 and everyday life 164–5  
 and *in situ* concept 166–7  
 as liminoid activity 165  
 soundwalk 189  
*untitled event* (Cage) 176  
 vicarious 191
- spatiality, sound/s 213–14  
 Spinoza, Baruch, *Ethics* 34  
 Spontaneous Music Ensemble 333  
 Staley, Jim 321  
 Stevens, John 333  
 Stockhausen, Karlheinz 8  
   Cardew on 140  
   derivitiveness 141  
   *Gruppen* 30  
   *Helicopter String Quartet* 140  
   *Hymnen* 11  
   *Klavierstücke* 84  
     Tudor on 102  
   *Klavierstück I* 83, **84**  
     performance 84–5  
   *Mikrophonie I* 141  
   *Momente* 9  
   *Studie I/II* 83  
   *Telemusik* 11, 266
- structure  
   Cage on 201  
   as field of possibilities 201  
   Harrison on 284–5  
   Niblock on 317
- Studio School, New York 210  
 Suzuki, Dr D.T. 174  
 synthesizers, Tudor on 109  
 Szlavnic, Chiyoko 72–3  
   *Reservoir* 73
- tam-tam 141  
 tape recorders, Niblock's use 318–19  
 Tcherepnin, Serge 111  
 technology  
   bastardization of 117  
   Maconie on 142–3  
 Templaars, Stan 121  
*Tempo* 8  
 Tenney, James 36  
   *Critical Band* 47  
   *Flocking* 32  
   *For Percussion Perhaps, Or... 60*  
   *Having Never Written a Note for Percussion* 59  
   *in a large open Space* 177  
   *Postal Pieces* 59, **60**  
   *Spectral Canon for Conlon Nancarrow* 32  
   *Swell Piece for Alison Knowles* 70
- theatre, and Cage 204  
 Théberge, Paul 116  
 Thelwall, John, *The Peripatetic* 168  
 Thibaud, Jean-Paul 191  
 Thomas, Philip 2  
 Thompson, Emily, *The Soundscape of Modernity* 188  
 Thoreau, Henry David  
   *Walden* 172  
   walking 172–4  
 Tilbury, John 40, 81, 138, 210  
 time brackets  
   Cage's music 103–4  
   Harrison 287–8  
 'timeless noise', Beuger 231  
 timing, Günter on 274–6  
   *see also* repetition
- titles, notations 63  
 Tone Roads Ensemble 185  
 Tone, Yasunao, *Solo for Wounded* CD 111  
 Toop, Richard 10  
 Torgue, Henry 213  
 transcriptions  
   *Letters* (Lucier) 72  
   notation/s 70, 72–3  
   *Quadraturen* (Ablinger) 72  
   *Weiss/Weisslich 11b* (Ablinger) 72
- Trayle, Mark 100  
 Truax, Barry, *Handbook for Acoustic Ecology* 188  
 Tsunoda, Toshiya 148  
   *Low Frequency Observed at Maguchi Bay* 155  
   *O Respirar Da Paisagem* 155  
   *Pieces of Air* 155  
   soundscapes 155–6

- Tudor, David 2, 44, 77–8, 82, 91, 103,  
117–18, 125, 176, 178, 200  
on performing Cage 103–4, 105–6, 137  
piano, abandonment 110  
on sound/s 124  
stirrer device 109–10  
on Stockhausen's *Klavierstücke* 102  
on synthesizers 109  
works  
    *Bandoneon!* 108  
    as combine 100–101  
    *Dialects* 110  
    *Rainforest* 108–9
- Turner, Victor 165
- Tuttle, Richard 311
- Twombly, Cy 342
- Varèse, Edgar 200  
    *Poem Électronique* 151
- Vautier, Ben, *Run* 181
- vertical time concept, Kramer 285
- Vigani, John 247
- vinyl, use by Jeck 293–4, 297–8
- visual artists, and the Scratch Orchestra 210
- visual arts  
    and experimental music 4, 211, 212  
    silence in 214–15
- Vitiello, Stephen 148  
    *Listening to Donald Judd* 158–9  
    soundscapes 158–60
- Volans, Kevin, *White Man Sleeps*, versions  
    10–11
- Vorfeld, Michael 281
- Vostell, Wolf 207  
    *Circle II* 181
- Walker, Mike 289  
    *Linden Sequences* 290  
    *Music for a Light Room, Music for a Dark  
    Room* 290
- walking  
    and the artist 168–9  
    Cage doing 175–6, 187  
    Cage on 173  
    compositions, Fluxus 180–81  
    Corner 185  
    Mahler 169  
    Satie 170–71  
    and Scratch Orchestra 183–4  
    in studio, Nauman 182–3
- Thoreau 172–4  
    *zazen* 174–5  
    see also aural *flâneur*; Peace Walks;  
    soundwalking
- Walshe, Jennifer  
    interview with 343–51  
    on notation 349  
    as performer 347–8  
    on sounds 343–7  
    works  
        *a sensitive number for the laydeez* 349  
        *as mo chéann* 224  
        *elephant* 224  
        #112: *dear hero imprison'd* 349  
        #132: *the leather runs smooth on the  
        passenger seat* 349  
        *Hostess-in-a-Jiffy® Brings you  
        Cooking With Stone:4 Five-Minute  
        Dishes* 224  
        *XXX\_Live\_Nude\_Girls!!!* 349–51  
        *My Extensive Relationshipwith Mr.  
        Stephen Patrick M.344*  
        *passenger* 349  
        *Physics for the Girl in the Street* 343  
        *set phasers on KILL!* 345  
        *they could laugh smile* 349  
        *your name here* 349
- Walter, Bruno 169
- Warhol, Andy 142
- Wastell, Mark 226
- Watson, Chris 148  
    soundscapes 149–50  
    *Weather Report* 149, 157
- Weeks, James 25
- Werder, Manfred 225–6  
    interview with 353–6  
    on notation 355  
    on performance 356–7  
    working methods 355  
    works  
        2005<sup>1</sup> 64, 225  
        2006<sup>2</sup> 225, 65–6  
        2008<sup>3</sup> 62  
        *\_ausführende* series 36, 75, 225, 355  
        *ein klang und eine stille* 355  
        *for one or a few performers* 354  
        *stück* 1998 75, 353–4, 355, 356  
        *stück* 2003 225, 355
- Westerkamp, Hildegard 163  
    *Soundwalking* 191

- Transformations* 149
- White, John 7
- Whitman, Walt, *Leaves of Grass* 54
- Williamson, Clive 286
- Wishart, Trevor 121
- Wolff, Christian 8, 27, 69, 78, 110, 178, 226  
 contingent processes 359–60, 363, 367–8  
 interview with 359–68  
 on performance 361–2  
 working methods 364–7  
 works  
     *Another Possibility* 366  
     *Bread and Roses* 363  
     *Burdocks* 23, 32, 47, 227, 361, 362  
     *Changing the System* 363, 364  
     *Duo for Pianists II* 110  
         performance 80–81  
         score 80, 81, 86  
     *Edges* 43, 361  
     *Electric Spring* series 361  
     *Exercises* 265  
     *Fits and Starts*, score 49, 50  
     *For 1, 2 or 3 People* 32, 308, 361  
     *For John Ashbery's Hoelderlin*  
         *Marginalia* 365  
     *Long Piano (Peace March 11)* 227, 366  
     *Looking North* 227  
     *Ordinary Matter* 227  
     *Prose Collection* 48, 50, 115, 227  
     *Quartet* 361  
     *Spring* 363, 364  
     *Stones* 115  
 zero time concept 202
- Wolpe, Irma 102
- Wolpe, Stephan 200  
 working methods  
     Crane 246, 248, 249–50  
     Fox 267–8  
     Harrison 283–5  
     Jeck 296–7, 298–9  
     Parkinson 340–41  
     Werder 355  
     Wolff 364–7  
 world music 134fn9
- World Soundscape Project 188  
     *European Sound Diary* 190  
     *Five Village Soundscapes* 189–90  
     *London Soundwalk* 190  
     *Paris Soundwalk* 190  
     *Salzburg Soundwalk* 190  
     *Soundscapes of Canada* 191
- Xenakis, Iannis 107  
     *Concret PH* 151, 152  
     *Metastasis* 30
- Young, John 118, 121
- Young, La Monte 8, 157  
     *Composition 1960 No. 10*: 181  
     *Piano Piece for David Tudor No. 2*: 105
- zazen* 174–5
- Zen Buddhism, Günter on 272
- zero time concept, Wolff 202
- Zimmermann, B.A. 11
- Zimmermann, Walter 8, 12  
     *Lokale Musik* 16
- Zychlinksi, Rajzel 73