

Contents

Polemical Acknowledgements vii

INTRODUCTION The New Paradigm in Architecture 1

PART I The Death of Modern Architecture 9

PART II The Modes of Architectural Communication 25

PART III Post-Modern Architecture 53

Radical Eclecticism 97

Post-Modern Classicism 115

Post-Modernism Becomes a Tradition 143

Post-Modernism Between Kitsch and Culture 151

The Heteropolis 175

THE NEW PARADIGM I – Complexity Architecture 207

THE NEW PARADIGM II – Fractal Architecture 235

Notes 265

Index 272

Index

A

Aalto, Alvar 257
 Imatra church, Finland 74
 Town Hall 66
Abromovitz, Harrison and 49
Abstract Expressionism 53
 geometry 238
 Representation 134-41
 see also Representation
ACE 127
ACT 140
Adam, Robert 10
Adams, Robert 63
Adhocism 2, 10, 71-5, 80
advocacy planners 75, 76
AEG
 see Behrens
Aida, Takefumi 123-4
AJM 164, 165, 166
Alberts, Anton 163
Alsop, Will 43, 51, 211, 222
Ambasz, Emilio 229
Amery, Colin 68
Amon Carter Museum 54
Amsterdam 69, 70
 face houses 83
 Nieuwmarkt district 74
analogies 17
 see also code; metaphor; meaning;
 language; semantics; syntax
"Anthropic Principle" 264
anthropology 81
anthropomorphism 3, 50, 83-4
 see also Biomorphic design;
 metaphor
anthroposophical design 163
ARAU 73, 74
Archigram 67
Arets, Will 190
ARM 199-203, 211, 240
 Storey Hall, Melbourne (1993-6)
 240-1
Armani 21
Art Deco 61, 90, 98, 104, 143
Arte Povera 94

Art Nouveau 197, 210
Ashton
 see ARM
AT&T building 163
auditoria 28
Aulenti, Gae 139-41
Australia 199-203
 National Museum Canberra (1998-2001)
 198-99
 see also Utzon, Sydney Opera House

B

Babka 146
Banham, Reyner 53, 65
Barcelona 82
architects 61, 133
 see also Gaudi
 Cerdà 160
 Park 160
 Pavilion 87, 110
 School 70
Barnes, Edward Larrabee 128
Baroque 53, 55, 91, 106, 119, 129, 133, 146,
 157, 207, 210
Bath 76
Battersea Power Station 7, 34-5
Battery Park City
 see Moore, Charles
Batty 211, 241
Baudrillard, Jean 97
Bauhaus 87
Bauman, Zygmunt 248
Beck, Ulrich 263
Beeby, Thomas 97, 143, 146
Behaviourism 9
Behrens, Peter
 AEG factory, Berlin (1909) 20
Benamo and Portzamparc 100
Benjamin, Walter 243
Berlin, Isaiah 79
Bernini, Gian Lorenzo 82
Bickerseiland Housing 69, 70
"Bilbao Effect" 258, 259
 see also Gehry, Bilbao, New
 Guggenheim
Biomorphic design 51, 207, 220
 see also "blob" architecture
"blob" architecture 51, 210-27
 The Blobmeisters 218-27
 blob grammar applied 228
 see also biomorphic design
Bloomer, Kent 81
BLR 164, 165, 166
"Blue Whale"
 see Pelli, Cesar
boat houses
 see Sausalito
Bofill, Ricardo 126, 132-4
Bohigas, Oriol 70, 71, 160
 see also MacKay, Martorell
Borromini 53
Bos 190
Bosch, Theo 69
Botta, Mario 119, 120, 121-3, 126, 146, 149,
 229
Boullée, Etienne 16
Bouman, Ole 190
Boyarsky, Alvin 78
brand/"Form follows Brand" 49
bricolage 79, 80
Brighton Pavilion
 see Nash
Broadgate 158
Brown, Denise Scott
 see Scott
Brunelleschi, Filippo 66, 129
Brussels 74
 Philips Pavilion, Brussels World's Fair
 206-7
Brutalism 12, 53, 55, 119
bungalows/"bungaloids" 37, 65-6
Bunschaft, Gordon 39, 61
 Hirshhorn Museum 16
 Lever Tower 21
Bunuel 133
Burgee, John 129
Burton, Ahrends 68

C

Calatrava, Santiago 211, 231-4, 258

Canary Wharf 158
 Capitalism 12
 caricature 66
 Carsons, Rachel 2
 Celan, Paul 243
 Celebration New Town, USA 63
 Chicago Seven 97, 98
 Townhouse Project 97, 98
 Christiaanse, Kees 190
 Chrysler Building 163
 churches
 see "consumer temples"
 CIAM 9, 76
 "cinematic sectioning" 235
 Classicism 76, 110, 121, 122-3
 Post Modern C. 51
 Technological C. 134
 see also Prince Charles
 classical architecture
 language/orders 17, 25, 28, 35, 43, 44,
 45, 106, 107, 147
 19th century villa 38
 Clendinning, Max 68
 Clotet and Tusquets 61-2
 Coates, Nigel 149
 Cobb, Harry 147
 Coca-Cola 41
 code visual 26
 see also analogies; metaphor; meaning;
 language; semantics; syntax
 architectural 69
 double/dual 19, 30, 55, 101
 "Collage City" 76-80
 Collins, George 78
 column 34
 see also classical architecture, lan-
 guage/orders 17, 25
 commercialization/commercialism 57
 see also brand; consumer temples
 Communism 19, 84, 264
 competitions 159, 178, 185, 259
 Yokohama Port Terminal 235
 Complexity
 architecture 207-34, 237, 243
 theory 1, 6, 189, 210
 "Complexity Two" 6
 "Complexity One" 80
 computer (aided) design 1, 6, 51, 126,
 207-34
 concrete
 see materials
 Congress of International Modern
 Architects
 see CIMA
 "consumer temples" 3, 22-24
 see also commercialization

contextualism 2, 3, 51, 76-80, 143, 179
 Corbusier
 see Le Corbusier
 Corinthian 44, 46, 133
 see also classical architecture
 corporate
 architecture 20
 brand 49
 cosmic metaphor 3
 cosmogenesis 264
 Covent Garden 158
 crime
 see Newman, O
 Critical Modernism 7
 Csete, Gyorgy 130
 Cubism 42, 55, 88
 photo Cubism 235
 Cullinan, Edward 68
 Culot, Maurice 74, 76
 curtain wall construction 13, 21
 Cusanus, Nicholas 119

 D
 Dalí, Salvador 133
 Darbourne and Darke 67-8
 Davidson, Cynthia 210
 "decorated shed" 29, 58, 59, 148
 De Kovel/De Vroom
 see DKV
 De Ley 70
 Denari, Neil 211
 Derbyshire, Andrew 68-9
 De Stijl 42, 123
 digital media & design 207-34
 Disney(land) 3, 12, 31, 39, 63, 66, 79, 152
 consumerism 22
 Disney Development Corp 152-7
 Entertainment Architecture, mid-1980s
 23
 Concert Hall
 see Gehry, Frank
 Dixon, Jeremy 98
 DKV 190
 Dobbelaar 190
 Dolphin Hotel 152-7
 Doric 43, 44, 45, 119, 123, 125
 see also classical architecture; New
 Tuscanism
 double/dual coding
 see code
 Doughnut ("Big Donut Drive-in") 30
 Droog Design 190
 Dulansky, Jeno 130
 Düsseldorf Museum Project 80

E
 Eclecticism 37, 70, 80, 198
 High-Tech 146
 Radical 51, 97-114, 131-32
 Eco Tech 229
 Eco, Umberto 24, 101, 110
 Egyptian motifs 139
 see also Neo-
 Ehrenkrantz, Ezra 41
 Eisenman, Peter 6, 41, 51, 88-9, 90, 96,
 125, 199, 207, 208-9, 210, 211-15
 Aronoff Center 211-15, 237
 City of Culture, Santiago de Compostela
 (1999) 217, 258
 House III 42-3
 Staten Island Institute for Arts &
 Sciences 216
 electronic
 revolution 2
 see also digital
 Ellul, Jacques 9
 energy
 see renewable
 engineering projects 22
 Entertainment Architecture 157
 see also Disney
 Environmental Education Center 134-5
 Erith, Raymond and Quinlan Terry 62, 63
 Ersatz 10-11, 37, 63, 67, 151, 152
 Erskine, Ralph 10, 59, 71, 75, 197
 Clare College, Cambridge 71
 Byker
 Architects' Office 72
 Wall, Newcastle (1974) 72
 Esher 89
 Esherick, Joseph 70, 71
 Evans, Arthur 65
 "evolutionary tree" 50-1
 EXPO
 2000 193
 1997-98 223-5
 Expressionism 210
 see also Abstract Expressionism

 F
 face houses 83-5
 factories 22
 Farrell, Terry 3, 85, 130
 Feilden and Mawson 69
 Findlay, Urshida 211
 Finland
 Imatra church 74
 Five Architects The 41
 flatness 126, 134
 flat roofs 36, 71
 FOA 211, 235

Yokohama International Port Terminal
(1995) 236
Foreign Office Architects
see FOA
formalism 16
Foster, Norman Sir 2-3, 166, 202, 222,
229, 230
Swiss Re HQ, London (1996-2002) 230
Fox, Kohn Petersen
see KPF
Fractal
architecture 235-64
Metropolis, The 203-5, 211, 234
Frampton, Kenneth 123, 128
Franzen, Ulrich 16, 128
Fuller, Buckminster 21, 231, 249
Futurists 40
see also Sant' Elia

G

Gaia Theory 215
Gaudi, Antonio 58, 231, 234, 235, 240
Gebhardt, David 63
Gehry, Frank 2, 6, 10, 40, 41, 44, 49, 51, 59,
61, 73, 75, 93-4, 95, 110, 149, 163, 207,
211, 249, 250-63
Chiat/Day/Mojo, LA 176
Condé Nast Cafeteria, New York
(1996-2000) 257-8
Der Neue Zollhof, Dusseldorf 174
Experience Music Project, Seattle
(1995-2000) 222, 257-8
Horse's Head 222
Loyola Law School, LA 75
New Guggenheim Museum, Bilbao
(1992-97) 31, 32, 211, 217,
250-57, 258
New Guggenheim Museum, New York
(1998-) 262
Santa Monica House 93
Walt Disney Concert Hall, LA (1987ff)
31, 177, 261

Gell-Mann, Murray 222

Georgian 61

see also Neo-

Geuze, Adriaan

see West 8

Giddens, Anthony 263

Giedon, Sigfried 87

gigantism 12

Gigliotti, Vittorio 53

glass

see materials

GLC 68, 69

Goldberger, Paul 19

Gombrich, E.H. 128

Gothic 10

Revival 62, 207

see also Neo-

Graves, Michael 3, 23, 40, 41, 59, 84, 86,
88, 97, 131, 134, 139, 149, 152

Benacerraf House addition, Princeton
(1969) 42

Environmental Education Center ("Frog
Museum") 134-5

Humana HQ Building (1982-86) 135-6

Portland Building 157

San Juan Capistrano Public Library
(1981-3) 135

Swan and Dolphin Hotels, Florida
(1987-90) 152-7

Walt Disney HQ, Burbank, Florida
(1988-90) 155

grids 88

see also materials, concrete

Grimshaw, Nicolas 211, 231

Waterloo Channel Tunnel Terminal,
London (1990-3) 231

Gris, Juan 42

Gropius, Walter 2, 26, 36, 49, 61, 128, 129
Fagus Factory (1911) 22
with TAC, Pan Am Building New York
(1958) 21

Group Pécs 84, 130

Gruen, Victor 66

Grumbach, Antoine 152

Guggenheim Museum 21, 237

see also Gehry, New Guggenheim

Gund, Graham 158

Gwathmy, Charles 38

H

Hadid 51, 211, 235

Hadrian's Villa, Tivoli 79-80

Hagmann, John 90

Hammond 146

"Handmade Houses" 10

Hara, Hiroshi 100, 164-5

Yamato International, Tokyo (1984-87)
164

Harrison, and Abromovitz 49

Harrison, Wallace 54

Hecker, Zvi 211, 237-8

Heinz-Galinski School, Berlin (1993-95)
238

Hertzberger, Herman 16-17

heterogeneity 6

Heteropolis, The 175-80

High-Tech 110, 123, 130, 146, 164, 229

Himmelblau, Coop 41, 51, 98, 211, 239

Cinema Center, Dresden (1993-98) 239

Musée des Confluences, Lyon 258-9

Hiroshima 7

Museum of Contemporary Art 169-71

historicism 53-5

see also Classicism; Neo-; revivalism

Hitchcock, Henry Russell 62

Hitler, Adolf 3, 110, 130

Hodgkinson, P

Foundling Estate (1973) 22

Holl, Steven 197

Hollein, Hans 40, 49, 97, 103-5, 114, 127,
131, 134, 163

Austrian Travel Agency 104-5

Generali-Media Tower (1998-2001)

48-9

Haas House, Vienna 179-80

Jewelry shop, Vienna 22-3

Museum, Mönchengladbach (1976-82)
138

Perchtoldsdorf Town Hall renovation
104

Holocaust 7, 248

see also Museums

Hong Kong and Shanghai Bank 163

Hot Dog

House 82-3

Stand 30

hotels 10

Florida, Swan and Dolphin 152-7

house, the popular 37

housing

mass/terraces 63

see also schemes

style 71

housing schemes

Amsterdam, Bickerseiland 69, 70

Communist and authoritarian countries,
1970s 19

England

London 22

Milton Keynes 22

Newcastle 72

Norwich 69

Germany 22

Tegel housing, Berlin 158

Weissenhof, Stuttgart 72

Russian 19, 22

"social condensers" 22

Switzerland 22

Zwolle 69, 70

see also Berlin; Bickerseiland; Le

Corbusier, Pessac; Odense; Yamasaki,

Pruitt-Igoe; Russia

Howard, Ebenezer 68

Hutcheon, Linda 24, 66

"ex-centricity" 66

- I
 IBE, Berlin 159, 160
 Ideal Home Exhibition 36, 77
 Illich, Ivar 9, 11
 Industrial style 70
 Ingemann, Paul 160
 Instrumentalism 7
 International style 10, 12, 55, 61–2, 90, 126, 129
 Internet, The 203–4
 Ionic
 see classical architecture
 irony 115
 see also parody
 Ishii, Kazuhiro 100, 128–9
 Isozaki, Arata 44, 49, 66, 101, 131–2, 139
 Museum of Contemporary Art, LA 139
 Israel, Frank 176
- J
 Jacobs, Jane 1, 2, 6, 9, 67, 158, 159, 163, 189, 210
 Jahn, Helmut 97
 Jameson, Conrad 63, 68
 Japan 67
 “new Japan style” 55
 Jencks, Charles 85, 148, 203, 215
 Jerde, Jon 66–7, 160, 161
 Canal City, Hakata, Japan (1966) 67
 Johnson, Philip 16, 54–5, 97, 129, 143
 Amon Carter Museum (1961) 54
 Folie (1962) 54
 Synagogue, Port Chester (1956) 54
 Jones, Edward 149–50, 151
- K
 Kahn, Louis 40, 57, 79, 121, 122
 Kainz, Hans 127
 Kapfinger, Otto 99
 Kiesler, Frederick 222, 223
 Kikutake, Kiyonori 55
 Tokoen Hotel, Yonago (1963–5) 55
 Kipnis, Jeff 207, 210, 211, 218, 237
 Kirkland, Michael 149–50
 kitsch 3, 16, 54, 123, 143, 151ff
 see also PoMo
 Kleinheus, Josef Paul 114, 159
 Koetter, Fred 79
 Kohn Pedersen, Fox
 see KPF
 Koolhaas, Rem 180–9, 190, 195, 197, 207, 211, 235, 237, 258, 263
 Bibliothèques Jussieu, Paris (1993) 185, 188
 Grand Palais, Lille (1993–4) 187–8
 Parc de la Villette Paris (1982–3) 181
- Seattle Public Library (2000–2003) 188
 Zentrum für Kunst und
 Medientechnologie, Karlsruhe
 (1989–92) 184–5
 Koons, Jeff 127
 Koralek 68
 KPF 97, 143
 Proctor and Gamble HQ, Cincinnati
 (1982–6) 143
 Kresge College, University of California
 Krier brothers 76, 80, 119, 197
 Leon 63, 99, 114, 159, 163, 189
 Echternach (1970) Luxembourg 76–7
 La Villette Competition (1976) 76–8
 Robert 125, 159
 Krischanitz, Adolf 99
 Kroll, Lucien 59, 72–3, 74, 75, 76, 197
 Kuala Lumpur Airport (1991–3) 229
 Kurokawa, Kisho 26–7, 55, 144–5, 146, 167, 211
 Museum of Contemporary Art,
 Hiroshima (1988) 169–71
 Nakagin Capsule Building, Tokyo (1972) 26
 Wacoal Building, Tokyo 82–5
 Kwinter, Sanford 218
- L
 language 18–19
 linguistic analogy in architecture 24, 25, 69
 see also code; metaphor; meaning;
 semantics; syntax
 Las Vegas 20, 24, 29, 40, 57, 58, 59, 126
 Le Corbusier 2, 9, 24, 40, 53, 54, 55, 76, 78, 81, 87, 88, 90, 134, 137, 178, 217, 218, 220, 243, 251, 257
 “house as a machine for living” (1922) 22
 La Roche house 87–8
 Le Style Corbu 38, 42–3
 Pessac housing 36
 Philips Pavilion, Brussels World's Fair (1958) 206–7
 Ronchamp chapel 4, 30, 31, 32, 51, 81, 134, 172, 173, 252
 Villa Savoye 66, 87, 110, 200–202
 Ledoux, C.N. 16, 54, 78
 Léger 24
 Letchworth Garden Suburb 68
 Levittown, USA 37, 58
 Libeskind, Daniel 6, 51, 95–6, 200, 211, 241, 243–50, 258, 263
 Imperial War Museum, Trafford,
 Manchester (1998–2002) 248–9
 Jewish Museum, Berlin 243–8
- V&A, London 258
 “Liminal, The” 87–96
 Lissitsky, El 249
 Lloyd Wright, Frank
 see Wright
 London
 Clore Gallery 137–8
 Covent Garden 74
 “High Point II”, Highgate 53
 “Thematic House” 84–5
 Victoria & Albert Museum 258
 see also South Bank
 Longley 211, 241
 Loos, Adolf 101, 119, 123, 125
 Chicago Tribune Column 35
 Lorenz 213
 Los Angeles 30, 74–5, 175–8
 Loudon J. C. 43, 44
 Louvain 73
 Lubetkin, Berthold 80
 and TECTON, “High Point II”,
 Highgate (1938) 53
 Lutyens, Sir Edwin 58, 61, 91, 127, 178
 Lynn, Greg 207, 211, 215, 218–22, 235, 237
 Lyotard, Jean-François 97, 107, 110, 115, 248
- M
 McDougal
 see ARM
 McLuhan, Marshall 203–4
 MacEwan, M. 10
 Machine Aesthetic 13, 17, 81
 MacKay, Martorell 70
 Maas, Winy
 see MVRDV
 Maekawa, Kunio 67
 Magritte, René 29, 62
 Main Street 58, 66
 Makovecz, Imre 84, 86, 87, 130
 Mandelbrot, Benoit 235, 241
 Mannerism 55, 58, 80, 81, 100, 120, 126, 149, 157
 Martorell, Bohigas and Mackay 70
 Marx 130
 mass production 2, 3, 17
 materials 13, 15, 46
 brick 46, 67, 68, 71
 concrete 126
 pre-cast grilles 26
 ETFE 231
 glass 46, 231, 255
 marble, imitation 65
 neon 106
 nylon 46
 sensuous 115

- steel 46
- synthetic 65
- titanium 255, 257
- wood 46
- Matthew, Johnson, Marshall & Ptrs 68–9
- Mau, Bruce 189
- Mawson 69
- Maybeck, Bernard 84
- Mayne, Thom 241, 243
- MBM 160
- meaning
 - see also analogies; code; metaphor;
 - language; semantics; syntax
- Meier, Richard
 - Douglas House, Michigan (1971–3) 38
- Melnikov, Konstantin
 - Russakov Club, Moscow (1928) 28
- Mendini, Alessandro 198
- Merrill 166
- metabolism 2
- metaphor 3, 51, 115
 - animal 86
 - anthropomorphic 36, 37, 81
 - body 81–7
 - cheesegrater 35
 - confusing 14
 - cosmic 3
 - face 83–6
 - factory 14, 22
 - Weissenhof Siedlungen (1927) 22
 - hospital 9
 - linguistic 6, 17
 - machine 6, 22, 26, 81, 134
 - Mies van der Rohe 6
 - nature 81, 228–34, 243
 - negative m.s for Modern Architecture 26–34, 35
 - office 35
 - organic 28
 - parking 35
 - PDC 33
 - pitched roof/home 35
 - sensuous 145
 - “slips-of-the metaphor” 17
 - suggested 30
 - wedge-auditorium 35
- metaphysics 81–7
- Michaelangelo 66, 131
- Micky Mouse 157
 - see also Disney
- “Mid-Cult” 15
- Mies van der Rohe, Ludwig 2, 3, 6, 12–13, 30, 87, 121, 194, 237, 243
 - Crown Hall 6
 - Lake Shore Drive, Chicago 13
 - Seagram Building, New York 13, 21
- Illinois Institute of Technology Campus, Chicago 13–14, 94
- Siegel Building, IIT, Chicago 14
- Milton Keynes, housing 22
- Minimalism 6, 13, 173
- Miralles, Enric 51, 160, 197, 211 235
 - Eurythmics Center, Alicante (1993–4) 235
- Missing Link 99
- Modern Architecture (Modernism) 3
 - see also Critical; Disneyworld; Late-; Neo-; New; Post-; Ultra-pejorative criticism
 - death of 9
- Monta, Mozuna 66
 - Okawa House 66
- Moore
 - Charles 10, 41, 55, 59, 74, 81, 91, 97, 100, 104, 127, 131, 159, 197
 - Battery Park City, New York (1985–7) 158, 161–2
 - Episcopal Church of St. Matthew, LA 74–5
 - Piazza d'Italia, New Orleans 105–7
 - Ruble and Yudell 158, 159
 - and Turnbull
- Mora-Pinon-Viaplana 61
- Moretti, Luigi 80
- Morimura, Yasamasa 66
- Morphosis 41, 51, 176, 211, 243
- Moss, Eric Owen 40, 41, 87, 176
- Moussavi, Farshid
 - see FAO
- Mozuna, Monta 100
- Muller, AJ 164–6
- “multivalence” 12
- Murphy, CF
 - Chicago Civic Center 13, 16
- musée imaginaire
- museums 137
 - Amon Carter Museum 54
 - Australia, National Museum, Canberra (1998–2001) 198–99
 - “cathedral of our time” 137
 - Dusseldorf 80
 - “Frog” Museum 134
 - German Architectural Museum 120–1
 - Getty Museum Malibu California 63–5
 - Hiroshima 169
 - Holocaust Museum 96, 248
 - Hirshhorn Museum 16
 - Imperial War Museum, Trafford, Manchester (1998–2002) 248–9
 - Jewish Museum, Berlin 243–8
 - LA, Museum of Contemporary Art 139
 - Lyon, Musée des Confluences 258–9
- Maastricht 119
- Manchester, Imperial War Museum 248
- Neue Staatsgalerie, Stuttgart 108–13
- Portland, Maine 127
- Mönchengladbach 138
- Musée d'Orsay 141
- Soane 54
- Tate Modern, London 251, 258
 - see also Gehry, Bilbao; Guggenheim, Victoria & Albert
- MVDRV 71, 190–7, 204
- N
- Nash, John 45, 46, 47
 - Royal Pavilion, Brighton (1815–18) 45, 134
- National Gallery, London, Sainsbury Wing 179
- NATO 149
- Nazis 22, 151, 243
- Nelson's Column 34, 35
- Neo
 - Art Nouveau 53
 - Classical 45, 51–2
 - De Stijl 53
 - Egyptian 43–4, 139
 - Gothic 43
 - Hindu/Indian Gothic 45
 - humanism 81
 - Mies 97
 - Modernism 173
 - Neo 66
 - Palladianism 97
 - Rationalists 76, 80, 119, 120, 122
 - Vernacular 51, 67–71, 98
 - Neoisms gone mad 53, 66
- neon 106
- Nervi, Pier Luigi 234
- Neue Staatsgalerie, Stuttgart 108–13
- Neutelings, Willem Jan 190
- New
 - Abstraction 119, 120
 - Paradigm 7–8
 - Representation 119
 - Tuscanism 115, 119, 122–5, 17
 - Urbanists 163
- Newman, O. 8, 18, 19
- Newton, Sir Isaac (“Newtronian”?) 7
- Niemeyer 178
- Nieuwmarkt, Amsterdam 74
- Nolli, Giambattista 78–9, 99
- Norwich, housing 68, 69
- Nouvel, Jean 82, 229
- NOX 190, 223–5

- O
Oakshott, Michael 9
office
 as village 163
 buildings 12, 13
Oosterhuis, Kas 211, 223
Orders
 see classical architectural language
"organitech" 231
ornament 3, 51, 97, 115, 126, 127, 128, 149
 reused 72
 see also "decorated shed"
Ornamentalism (1982) 127
Otto, Frei 21
Owings 16
- P
Pacific Design Center
 see Pelli, Cesar
Palladio, Andrea 132
Palladianism 10, 100, 101, 134
 see also Neo-
Pantheon 3, 151
Paris 76, 78, 181, 185, 188
parody 66
participatory design 72-5
Passarelli Brothers 46-7, 49
pastiche 74, 89
Pécs
 see Group Pécs
Pei, I. M. 16, 128
Pelli, Cesar 143, 144, 146, 166
 Carnegie Hall ext., New York (1986) 144
 Pacific Design Center, LA ("the Blue
 Whale") 5, 32, 33, 81, 144
 Rice Jones School, Houston, Texas
 (1983-4) 144
 World Financial Center Towers (1982-7)
 161-2
Penrose, Roger 240, 241, 243
Pepper, Beverly 160
PER 62
Perrault, Dominique 229
Perret, Auguste 101
Pessac
 see Le Corbusier
Pevsner, Sir Nikolaus 31, 45, 53, 115
Pioneers of the Modern Movement (1936)
 49, 151-2
Piano, Renzo 211, 229, 234
Piazza d'Italia 7
Picasso, Pablo 24
Piranesi 100, 239, 249
planning 67, 158
 advocacy planning, USA 74
 failures 9, 264
 see also Jacobs, Jane; participatory
 design; Post Modern urbanism; village
pluralism 6, 39, 72, 74, 115, 138, 158, 175,
 198
Poincaré, Henri 241
polychromy 115
PoMo 3, 6, 66, 97, 115, 127, 143
 death of 157
 see also kitsch
Pompeian style 64-5
Pompidou Centre 110
Pop 30, 58, 59, 65, 70
Porphyrios, Demetri 122-3
Port Grimaud 38, 71, 73
Portman, John
 Bonaventure Hotel, LA (1976) 23
Portmeirion 38, 39, 63
Portoghesi
 Paolo 53, 115
 and Gigliotti 53
Portzamparc 100, 222-3
Post-Modernism 2
 takes off 97ff
 dying 129
Post Modern
 Classicism 7, 115, 127-9
 synthesis 119
 dance 7
 Urbanism 158-75
 see also Culot; Hollein; Krier; Kroll;
 Rogers; Rossi; Stirling
Pragmatism 9
Predock, Antoine 152, 167, 171-3
Prigogine, Ilya 215
Prince Charles 63, 76, 163, 175, 178, 179
Prix, Wolf 239
Pruitt-Igoe
 see Yamasaki
Pugin, A. W. N. 46, 68
Purism 9, 49, 90
- Q
Queen Anne 99
- R
Radical
 Eclecticism
 see Eclecticism
 Traditionalism 63
Raggatt, Howard 202, 240
 see also ARM
Rang, Berhof Landes 164
Rationalism 9, 76
Rauch 40
Reichstag conversion 2-3
Reiser 211, 235
renewable energy
 vegetable oil 3
Renaissance, The 66, 81-2, 83, 100, 122
Representation 126
Revisionism 67
revivalism 62-6
 see also historicism; Neo-
RIBA 10, 123
Rice Jones School, Texas 144
"Risk Society" 263-4
Roche, Kevin 128
Rococo 10, 104, 139, 210
Rogers, Richard 76, 189, 195, 229
Rohe
 see Mies
Romanesque 143
Rome 78-9, 99, 119
Ronchamp
 see Le Corbusier
Rossi, Aldo 76, 80, 97, 115, 116-19, 122,
 123, 126, 159, 197
 Bonnefanten Museum, Maastricht
 (1995) 119
 Il Teatro del Mondo (1979-80) 118
 Modena Cemetery (1971-) 118
 Social Housing, Berlin (1981-8) 159
Rouse Corporation 158
Rowe, Colin 79, 100, 107, 110, 119, 197, 218
Royal Incorporation of British Architects
 see RIBA
Ruble
 see Moore
- S
Saarinen, Eero 55, 57
 CBS parallelepiped (1961) 21, 263
 Kresge Auditorium and chapel (1955)
 53-4
 Stiles and Morse College, Yale (1958-62)
 54
 TWA terminal, New York 3, 30-1, 32,
 81, 200
Sainsbury Wing, National Gallery, London
 179
San Francisco 74
Sant' Elia 4, 23-4
Sausalito boat houses San Francisco 10-11
scale 11
Schinkel, Karl Friedrich 110
Schoenberg 243
Schumacher, E. F. 9
Schwitter, Kurt 88
Scott Brown, Denise 39, 57, 58, 61, 69,
 126, 127, 148, 179-80
Scully, Vincent 79
Seaside new town, Florida 63-4

- Second Empire 10
 self-build 73
 semantics 17, 25, 43-4, 120
 see also analogies; code; metaphor;
 meaning; language; syntax
 semiotics 34
 September 11 263
 Serlio 125
 Serra, Richard 251
 Shane, Graham 78, 211
 sheds
 see "decorated shed"
 Sherman, Cindy 66
 Shinto 123, 130
 Shirai, Seiichi 66
 shopping
 see consumer temples
 "signolic" architecture 148
 signs 29, 35
 see also code; language; meaning;
 metaphor; semantics
 architectural
 see also "decorated shed"
 symbolic 35
 Venturi/Brown 29, 30
 SITE 100-101, 228
 Sitta, Vladimir 199
 Sitte, Camillo 76, 78
 Skidmore, Owings and Merrill 6
 Smith
 Adam
 Adrian 158
 Thomas Gordon 127
 Smithson, A & P 7, 18
 Robin Hood Gardens, London 18-19
 see also Team Ten
 Soane
 Sir John 132
 Museum 54
 social
 class
 see semiotics
 criticism 39
 goals 2
 housing
 see main entry, housing
 SOM 97, 143
 South Bank, London 17, 25, 49
 space 87-96
 Speer, Albert 110
 Spuybroek, Lars 211, 222
 Freshwater Pavilion, EXPO 1997-8 223-5
 see also NOX
 Staatsgalerie, Stuttgart 108-13
 Steiner, Rudolf 87, 163
 Stern, Robert 23, 40, 55, 61, 115, 127, 152
 Casting Centre, Disney, Orlando
 (1987-9) 156-7
 and Hagmann John 90
 Stewart, Jimmy
 house, Beverly Hills 37
 Stirling, James 31, 76, 79, 80, 97, 100,
 104, 107, 108-13, 122, 134, 137-8, 152,
 157, 166, 171
 Clore Gallery, London (1982-6) 137-8
 and Gowan, James 167
 and Wilford, Michael 167-70, 178-80
 Stone, Edward 54
 Street, G. E. 67
 Student movement 2
 Stuttgart 72, 80, 107, 108-13, 122
 Summerson, John 3
 "SuperDutch" 190, 198, 237
 Surrealism 62
 Swan Hotel 152-7
 Sydney Opera House
 see Utzon
 symbolism 3
 new significance of everyday objects 24
 see also contextualism; Venturi
 Synagogue, Port Chester 54
 syntax 25, 41-3
 see also analogies; code; metaphor;
 meaning; language; semantics
 T
 TAC
 Pan Am Building New York (1958) 21
 Taller de Arquitectura 132-4
 Takeyama, Minoru 7, 66, 82, 83, 123
 Tange, Kenzo 55
 Theme Pavilion, EXPO 70, Osaka 21
 Olympic Gymnasium, Tokyo (1964) 23
 TEAM 39
 Team Ten 16, 18, 69
 see also Smithsons; Van Eyck
 technology
 see computer aided design; digital;
 renewable energy
 Technological Classicism 134
 TECTON 53
 Tegel Housing, Berlin 158
 terraced housing 63
 Terry, Quinlan 62, 63
 Thatcher, M. 3
 Thompson, Ben 158
 Tigerman, Stanley 82-3
 tourism 4
 see also commercialization
 town planning
 see planning
tromp l'oeil 39, 65
 Trump Tower 163
 Turnbull, William 91
 Tuscanism
 see New Tuscanism
 Tusquets, Oscar 61-2, 160
 TWA
 see Saarinen
 U
 Umemoto 211, 235
 Ungers, O. M. 6, 76, 79, 80, 119-21, 122,
 126, 197
 "univalence" 13
 universalism 115
 U. N. Studio 190
 urbane
 mega-build 158-62
 urban design
 see also housing; planning
 urbanism
 see Post-Modern 76
 Utzon, Jörn
 Sydney Opera House 27-8, 29, 30, 33,
 81, 134, 200, 203, 251
 V
 Van Berkel 190, 197, 211, 223, 225
 Van den Bout
 Vandenhove, Charles 146-7
 Van Egeraat, Eric 190
 Van Eyck, Aldo 69, 81
 Van Rijs
 see MVRDV
 Venice Biennale 115-18, 120, 127
 Venturi, Rauch 126, 127
 Venturi, Robert 1, 2, 6, 23, 29, 30, 35, 39,
 51, 55-62, 69, 74, 79, 80, 88, 90, 96,
 100, 107, 110, 126, 127, 128, 129, 134,
 148, 210
 Allen Art Museum 61
 Brant House, Greenwich (1971) 61
 Franklin Court, Philadelphia (1972-6)
 61
 HQ Building for Nurses and Dentists
 (1966) 55, 58
 Oberlin College Addition (1973-7)
 59-60
 Sainsbury Wing, National Gallery,
 London 179
 Tucker House, New York (1975) 40
 see also "decorated sheds"
 vernacular 51
 see also Neo-
 Victoria & Albert Museum, London 258
 Victoriana 70
 Villa

19th century 38
Hadrian's 79-80
Savoye 66, 87, 110
 "not Villa Savoye" 200-202
village planning 162-7
Vitruvius 45, 46, 127, 220

W
Wacoal building 82-5
Wagner, Otto 105
Walter, Thomas Ustick 44
Warsaw 24
Watanabe, Toyokaze 66, 123-5
Weller, Richard 199
West 8 190, 194-7, 204
"white architecture" 38
 see also Le Corbusier
Wigley, Mark 218
Wilford, Michael 107-13, 167-70, 178-80
William-Ellis, Sir Clough 39

Williams 213
Wines, James 228
Winter Garden, Battery Park City 158,
 161-2
Wittkower, Rudolf 79
Wolfe, Tom 19, 40, 122
Wood, John (II) 18
 Royal Crescent, Bath 18
Woolworth Tower 163
World Fairs 21
World
 Financial Center 161
 Trade Center 161
Wright, Frank Lloyd 49, 68, 230, 37
 Marin County Civic Center 16
 Johnson Wax Building 20-1
Wright, Lance 68

Y
Yamasaki, Minoru 8, 54, 263

Pruitt-Igoe housing scheme, St. Louis
 Missouri (1981) 8-9, 18, 72, 129, 157,
 263, 264
Yamashita, Kazumasu 83-4
Yeang, Ken 211, 229
 Kuala Lumpur Airport (1991-3)
 229
Yoh, Shoei 211
Yudell, Buzz
 see Moore, Charles
Yokohama Port Terminal 235, 236

Z
Zaero Polo, Alejandro
 see FAO
Zevi, Bruno 115
zoomorphism 86
 see also metaphor
Zuccaro Federico 84
Zwolle Housing 69, 70