| Bratislava, Slovakia | history of, 61–62 |
|---------------------------------------|--------------------------------------|
| overview, 30-31 | off-site, with centralized control, |
| apartment housing, 72 | 69-71 |
| cherry trees in, 14 | windows, unopenable, 177 |
| dachas, migration to, 35-37 | See also Metabolism |
| graffiti in Petrzalka, 73 | Ceramic stoves, 69 |
| Prievoz and Petrzalka contrasted, | Chambord Chateau, France, 68-69 |
| 31-34 | Chattariyangkul, Troy, 11–12 |
| rhythms of life in, 34–35 | Cherry trees, 14, 34 |
| winter and spring in, 17 | Chicago, 62 |
| Brezova pod Bradlom, Slovakia, 30 | Chimneys |
| Bridges | metabolism and, 67–69 |
| bascule bridge over Ashtabula River | as symbols of hearth and home, 15 |
| (Ohio), 105–6, 107 | China, 85–86 |
| Danube bridge to Petrzalka, 32, 33 | Choice |
| British in India, summer migration | elimination of, 15–16, 20 |
| of, 30 | modern buildings and denial of, 72 |
| Brussels, Belgium, 29 | new architecture and, 177 |
| Buenos Aires, Argentina, 153 | rhythmic boundaries and, 9–10 |
| Building-line setbacks, 122 | Chuang Tzu, 43 |
| Bunker Hill Project, 132 | Churches |
| Butterfly House, Schoenbrunn | cruciform plan, 81–83 |
| Palace, Vienna, 70 | liturgical hours in, 78–80 |
| rance, vienna, 70 | Methodists church in Ashtabula |
| Cage design in Florida guesthouse | County, Ohio, 100 |
| (Rudolph), 55–56 | in Ohio villages, 99–100 |
| California | Cities |
| Hotel del Coronado, San Diego, 63 | Ashtabula, Ohio, 108–9 |
| M-House, Gorman, CA (Jantzen), 15 | European, 176–77 |
| Owens Valley, 7, 23–26, 111–12 | isolation from nature and, 85–86 |
| See also Los Angeles | quality of life in, 119, 125, 176–77 |
| Carcassone la Cité, France, 120, 121 | See also Los Angeles; Urbanization |
| Carpathian Mountains | and growth |
| farmhouses in, 44–45 | Civil War, 104 |
| masonry stoves in country kitchens, | Cleaning, seasonal, 57–59 |
| 66–67 | Clerestory windows, 83, 141–42 |
| seasonal migration to, 30, 36 | Climate, Mediterranean, 158–59 |
| See also Czech Republic; Slovakia | Clocks, mechanical, 84, 104 |
| Carrasco, Victor, 50 | Clothing |
| Cars in Los Angeles, 112, 113–14 | metabolism and, 63 |
| Catalano, Eduardo, 153 | raincoats, 52 |
| Cathedrals, gothic | as transformation, 12–13 |
| cruciform plan, 81–83 | Columns, Greek, 77 |
| horaria (liturgical hours) in, 78–80 | Combustion |
| Cemetery in Prievoz, Slovakia, 33 | fireplaces as metabolic adaptation, |
| Central heating and mechanical ven- | 14–15 |
| tilation | off-site, with centralized control, |
| costs of energy-intensive systems, | 69–71 |
| 4-5 | on-site, with decentralized control, |
| freedom and restriction effects on | 65–69 |
| architecture, 73 | See also Metabolism |
| · · · · · · · · · · · · · · · · · · · | |

194 INDEX

Comfort zone, 175 in Los Angeles study, 137-39, 150 Communities as sheltering context solar envelopes and, 131-36 overview, 89 Detroit, Michigan, 112 Ashtabula County as model of com-Dimitrios, Saint, 58 munity change, 90-92 Dining rooms, Roman, 23 cities, Ashtabula as model of, 108–9 Districts in American towns, 105–6 family farms, 102-8 Divine Offices, 79 Doctor's house, Jefferson, Ohio, 77-78 towns, 102-8 villages, 97–102 Doors Commuting as ritual elements, 18 transformation and, 44 in Bratislava, 35 in Los Angeles, 114, 115-16 two-door houses, 75-78 Connecticut Land Company, 91 Douglas, Mary, 84 Convent of Prievoz, Slovakia, 32 Drapes and curtains in Edinburgh, Scotland, 44 Cottages in Prievoz, Slovakia, 32 in Thessaloniki, Greece, 58–59 Slovak dachas (summer cottages), Earth-sun geometry, 65, 150-51 30, 35-37 Courtyard houses and buildings See also Solar envelopes East-west orientation Arab, 37, 38 apartment blocks, 145-49 covers, 166-71 elongated north-south vs. courtyards, 161-62, 167-68 east-west, 159-62 Gothic naves, 81–82 interstitial space and, 157-59 plant and animal communities in Los Angeles site comparison, Owens Valley, 25 shadow impact at midday, 123 162 - 71in Rajasthan, India, 38-41 walls, 8-9 Spanish, 50-51 Edinburgh, Scotland, 43-44 zamindaar houses of southern Edison, Thomas, 179 India, 53 Education on design, 175 Crossings. See Intersections Electricity and off-site combustion, Cruciform cathedrals, 81–83 Curtains and drapes See also Energy; Machine-oriented in Edinburgh, Scotland, 44 design in Thessaloniki, Greece, 58-59 Energy Cutoff times, 130, 131 efficiency in, 175 fires, stoves, and chimneys, 65-69 See also Time constraints with solar increasing demands of, 175 envelopes Czech Republic invisibility of, 15 jousting hall in Hrad of Prague, 64 lawns and gardens, use for, 139 kitchen stoves, 66-67 machine-oriented design and, 4-5 Slovakia and, 31 nuclear, 125 oil supply, 124-25 Dachas (summer cottages), 30, 35-37 power plants, 69-71 Dambar-walla (tar merchant), 52 See also Metabolism Danube River, 32, 33 England chimneys in Black Hill, 68 Deciduous trees, 13, 157 Deconstructivism, 176 Peterborough Cathedral, 81 Denmark, Ohio, 100 Envelopes

Densities and urban design

in Los Angeles, 116-18

INDEX 195

solar (See Solar envelopes)

in standard zoning, 122-23, 129