

Cambridge University Press

978-0-521-83033-1 - Design and Construction in Romanesque Architecture: First Romanesque Architecture and the Pointed Arch in Burgundy and Northern Italy

C. Edson Armi

Index

[More information](#)

Index

Note: Illustration pages are shown in boldface italics.

- Ager, Sant Pere, 106, **107**, 118, **119**
 Agliate, San Pietro, 15, **17**, 44
 Aime, Saint-Martin, 43, **43**, 45, **46**
 Alps, 9, 10, 13
 Amalfi, 4
 ambulatory, 17, 75, 114, 117
 Anzy-le-Duc, abbey, 152
 Aosta
 cathedral, **42**, 43, 193n18
 Valley of, 9, 10, 42, 185n3, 187nn10,13
 arch
 diaphragm, 72, 138, 144, 145, 156, 158
 Mozarabic, 197n9
 pointed, defined, 181n1
 relieving, 113, 115, 117–18, 120, **121**,
 124, 125–6, 137, 138, 146, 170–1, 173,
 174
 state of research, 182n7
 as system of support, 113–18, **128**, 134,
 144, 146, 180
 transverse, pointed, 76–80, 90, 92, 141,
 196n7
 architect, 198n3
 architecture
 ashlar, 16–17, 65, 68, 69, 77, 80, 83, 114,
 116, 135, 143, 152; *see also* Cluny III,
 ashlar
 Byzantine, 191n3, 198n4
 Carolingian, 34–5, 40, 116
 decoration, 23, 24, 114–15, 130, 144,
 146–7, 149, 150–1, 152
 Gothic, 3, 32, 178
 Mozarabic, 197n9
 Ottonian, 19, 38–40, 115–17, 185n2,
 198n2
 Roman, 116, 191n3, 195n4, 197n11,
 199n2
 Sassanian, 192n8
 Auxerre
 Saint-Étienne, 16, 17, **19**, 38, 114
 Saint-Germain, 196n8
 Avignon, Notre-Dame-des-Doms, 199n3
 Aymaville, Saint-Leger, 194nn21,24
 band, Lombard, 116, 146, 153, 162–3, 169
 Barbier, L., 200n8
 Baud, Anne, 201n22, 202n28
 Bayeux, cathedral, 38
 bays, irregular, 43–4
 Bernay, Notre-Dame, 16, **18**, 19
 Berzé-la-Ville, chapel, 65, 173
 Bois, Guy, 11
 Bonnassie, Pierre, 11
 Bond, Francis, 193n13
 Bony, Jean, 182n7, 199n1
 Brancion, Saint-Pierre, 13, 104–6, **105**,
 110, **111**
 Bray, village church, **123**, 124, 138
 Bresse, 189n44
 brick, 14, 15, 142, 143
 articulation, 33, 42–3, 60–2, 68, 69,
 83–4, 92, 120, 140, 149–55
 construction, 21–4, 66, 76, 106, 116,
 130, 142, 149–52, 159, 164, 174, 179,
 185n1, 189nn40,41,44, 201n16,
 202n28
 decoration, 23, 70
 stones in the shape of, 21, 41–2, 49
 vaults, 25–34, 115
 see also Cluny III, brick techniques

- Burgundy, Kingdom of, 9, 10
 buttresses, 83; *see also* Cluny III, buttresses
- capitals, 21, 33, 147, 148–9
- Cardona, Sant Vicenç, 19, **21**, 60, **60**, 107–8, 113, **114**, 115, **115**, 118, 196n15, 198n8
- Catalonia, 11, 12, 13, 77, 79, 106–9, 117–18, 154, 188n38, 197n9
- Cattaneo, Raffaele, 9
- centering, 26, 27, 44–6, 62, 92, 96, 98, 100–6, 108, 110, 125, 181n4, 190n2, 192n7, 195n27, 197n12
- Chapaize, Saint-Martin, 55–62, 63, 76, 90, 92, 120, 124, 125, 130, 138, 142, 143, 147, 155, 156, 196n10, 200n5
 illustrated, **56**, **57**, **58**, **59**, **61**, **84**, **121**, **122**, **125**
- Charlemagne, 12, 13
- Charlieu, Saint-Fortunat, 197n4, 201n23
- Chartres, cathedral, 17, 38, 114, 202n27
- Châtillon-sur-Seine, Saint-Vorles, 118, 120, **121**, 130
- Chierici, Gino, 190n3
- Choisy, Auguste, 192n8, 197n11
- Clermont-Ferrand, cathedral, 114
- Cluny, Order, 12
- Cluny III, 90–4, 130–8, 140, 142, 157–8, 159, 168–75, 187n13
 arches, 65, 135, 137, 138, 171, 182n7, 202n26
 ashlar, 84, 92, 152, 174
 brick techniques, 85–6, 130, 185n2
 buttresses, 83, 84, 130, 135, 137–8, 169–71, 174, 201n21
 campaigns, 197n10
 clerestory, 201n23, 202n27
 decoration, 84, 92, 174
 foundations, 201n22
 illustrated, **5**, **85–90**, **132–4**, **136**, **169–71**
 innovations at, 3–4, 8, 173–4, 179, 180
 moldings, 84
 Oursel, Charles, theory of, 7
 sources, 201n19, 202n27
 Stables of Saint Hugh, 196n12
 vault collapse, 202n29
 vaulting, 157–8, 167, 172–4
- Combertault, Saint-Hippolyte, 59, 118, **119**, **120**, 130
- Como
 Lake, 42
 Sant'Abbondio, 140
- Conant, Kenneth, 1, 2, 197n12, 202n24
- corbel table, 14, 153
 as structural device, 65, 81–3, 84, 113, 116, 117, 118, 120, **121–3**, 124, 125, 126, 127, 130, 143, 146, 155, 172, 173, 179
- Corvey, abbey, 34, **34**
- Cotte, Saint-Laurent, 201n16
- crossing, 199n3
- currency, 13, 188n38
- Dartein, Ferdinand, 9
- dendrochronology, 196n10
- dialect, Franco-Provençal, 10, 41, 186n8
 map, **11**
- Dijon, Saint-Bénigne, *dortoir*, 59, 196n13, 198n5
- Dodds, Jerrilynn, 12
- Duby, Georges, 11, 12
- Durliat, Marcel, 184n1
- Elne, Sainte-Eulalie, 101–2, **102**
- Escoffier, Simone, 186n7
- Étampes, Notre-Dame, 38
- Farges, Saint-Barthélemy, 66–70, **66**, **71**, 80, 81, 83, **83**, 92, 179, 182n7
- Fiétier, Roland, 186n3
- Fitchen, John, 182n9, 194n25, 195n26
- flying buttress, 3
- Flavigny, abbey, 34, 193n16
- Fossier, Robert, 11
- France, northern, 15–21, 32, 35–8, 114–15, 139, 151
- Gall, Ernst, 195n5
- Gardette, Pierre, 9, 10, 11
- Gigny, abbey, 59, **167**, 167–8, 201n18
- Grodecki, Louis, 198n2
- Hastière-par-Delà, priory, 117
- Henriet, Jacques, 198n3
- Hersfeld, abbey, 38, 40, **40**, 115–16, 193n17
- Islam
 and gold, 13
 influence of, 12, 13, 77
- Isola Comacina, Sant'Eufemia, 194n19
- Ivrea, cathedral, 14
- Jumièges, Notre-Dame, 36, **37**, **38**
- Jura, 9, 10, 167, 185n2, 187n12
- lag boards, 44–7, 49, 92, 95, 98, 101–6, 108–9, **111**, 125

- Laizé, Saint-Sulpice, 124, **124**, 138
 Lasteysie, Robert de, 192n9
 Le Puley, 66, **66**, 197n5
 Le Villars, abbey, 68
 Levens, Sainte-Marie, 76, 196n7
 Limburg an der Haardt, abbey, 116–17, **117**, **118**
 Lombardy
 architecture, influence of, 9, 14, 65, 66, 170, 178, 196n9
 masons from, 184n1, 185n2
 topography, 13
 vaults, 25–34, 81–2, 140–2
 wooden-ceiling basilicas, 54, 82, 140, 178
 Lomello, Santa Maria Maggiore, 25–33, **26**, **27**, **29**, **30**, **31**, 52, 54, 55, 92, 190n1, 193n12
 Lopez, Robert, 12
 Lyons, 10
- Mâconnais, 9, 10, 11, 12, 13, 189n46
 Malay, Notre-Dame, **129**, **131**
 Malo, Edmond, 200n8
 Mark, Robert, 192n9, 201n14
 masons, text references to, 183n10
 Maurienne, Saint-Jean-de-, 45, **45**, 194n25
 Mayeul, abbot, 13, 184n1
 Mazille, Saint-Blaise, 127, **128**, **129**
 method, of present study, 177–8
 Milan
 San Lorenzo, 14, 191n4
 San Simpliciano, 14
 San Vincenzo, 14
 Sant’Ambrogio, 14, 19, 33, 140, 199n2
 Sant’Eustorgio, 82, **82**, 115
 Modena, cathedral, 140
 Monte Cassino, 4
 Montier-en-Der, 19
- nave, groin vaulted, 196n15
 Nevers, cathedral, 38
 Normandy, 3
 Novara, cathedral, 14, **15**, 23
- Oc*, 10
 Odillo, abbot, 12, 188n27
oïl, 10
 Oleggio, San Michele, 15, **16**, 43, 44
 Oliba, abbot, 12, 188n27
opus spicatum, 189n46
 Orléans, cathedral, 17, 114
 Oursel, Charles, 7, 196n9
 Oursel, Raymond, 189n44
- Paray-le-Monial, priory church, 74–5, **76**, 83, 90–1, **91**, 109–10, **109**, 135, **135**, 169, 170, 174
 Pavia, Sant’Eusebio, 76, 190n3
 Peroni, Adriano, 184n1
 pier
 compound, 21, 60–1
 imposts, 59–60, 61, 63, 66, 120, 143
 round, 60–1, 63, 66, 120, 143, 156, 179
 Piobesi Torinese, 19
 plaster, 183n16, 184n1, 196n11
 Po River, 10, 12
 Poly, Jean-Pierre, 11
 Pombia, San Vincenzo, 195n25
 Porter, Arthur Kingsley, 1, 6, 9, 189n40, 190n1, 193n12
 Provence, 11, 12, 13
 Puig i Cadafalch, Josep, 2, 6–7, 9, 183n12, 184n1, 189n44, 196n6
 putlog, 98, 108, 110, **111**
- reform, Gregorian, 185n2
 Reims, Saint-Rémi, 16, **18**, 19, 114–15
 reveal, vertical, 164, **165**, 175
 Reveyron, Nicolas, 202n28
 Rhône River, 10
 Ripoll, abbey, 77
 Rivoira, Giovanni, 9
 Rivolta d’Adda, Santa Maria and San Sigismondo, 33, 140, **141**, 142, 199n1
 roads, Roman, 187n12
 Roda, abbey, 77
 Rollier, Gilles, 201n22
 Rorimer, James, 1
- Saint-Benoit-sur-Loire, **39**
 Saint-Clément-sur-Guye, 189n46
 Saint-Hippolyte, abbey, 68, **69**, 158–68, **159–63**, **165**, **166**, 168, 179, 201n16
 Saint-Hymetière, 59
 Saint-Martin-de-Laives, 126, **127**, 143
 Saint-Martin-du-Canigou, 19, 77–8, **78**, **108**, 108–9, 145, **147**
 Saint-Mesmin, 59
 Saint-Michel-de-Cuxa, 77, **108**, 108–9
 Sant Cugat de Salou, 79, **81**
 Sant Llorenç de Morunys, 19, **20**, 78–9, **79**, 86, 154
 Saône River, 9, 10, 12
 Sapin, Christian, 184n1, 196n8, 200n12
 Schapiro, Meyer, 1, 183n15
 Schlink, Wilhelm, 185n1, 196n13
 Semur-en-Brionnais, 197n4, 198n9
 Sennhauser, Hans Rudolf, 185n2
 Soissons, Saint-Médard, 36, **36**

- Speyer, cathedral, 38, **41**, 117
 Spiez, 192n8
 Stalley, Roger, 202n1
 statue column, 3
 stone
 quarrying, 21, **22**
 river-bed, 42, 77
 structure, theory of changes to, 182n4
tas-de-charge, 28, 33, 75, **87–9**, 92, 191n6, 192n9
 Thirion, Jacques, 196n7
 tie beam, 146, 155
 Tournus, Saint-Philibert
 cloister, 72–4, **74**, **75**, 167, 189n47
 narthex
 lower, 23–4, 49–55, 59, 62, 152, 153, 156, 157, 179, 195n5; illustrated, **14**, **32**, **33**, **34**, **116**
 upper, 21–2, 59, 95–106, 130, 143–57, 159, 162, 164, 169, 170, 173, 174–5, 179, 200n8; illustrated, **13**, **65**, **66**, **67**, **68**, **71**, **101**, **111**, **112**, **113**, **114**, **115**, **116**
 nave, 59, 63, 71, **72**, **73**, 92, 138, 142, 143–4, **145**, 157, 158, 167, 168, 174, 179, 201n16
 Truchis, Pierre de, 7, 185n2, 195n4
 typology, 178
 Uchizy, Saint-Pierre, 104, **104**, 105, 197n4
 Valdebloure, Saint-Dalmas, 194n21
 Vallery-Radot, Jean, 198n3
 vault
 asymmetrical webs, 70–5, 92, 143, 144, 167–8
 barrel, 80, 95–110
 construction of, 52, 134, 143
 design of, 19, 46, 52, 55, 63, 67, 142, 143, 156, 168, 197n4
 pointed, 28, 139, 142, 158, 182n7
 structure of, 4, 53, 63–4, 67, 135, 137, 143, 145–6, 154, 155, 157
 corbel, 26–8, 36, 38, 43, 47, 49–50, 55–6, **57**, 59, 62, 63, 67, 70, 74, 86, 92, 96–100, 106–7, 109, **111**, 155, 160, 173, 174, 190n3, 192nn7,9
 crown, 32, 35, 37, 47, 48, 52, 53, 54, 63, 66, 70, 71, 78, 80, 91, 140, 142, 166, 173
 definition of, 195n28
 dome, 199n3 (top), 199nn1,2
 fillers, 30, 53, 54–5, **57**, 58, 70, 79, 80, 166, 193n12
 flattening of, 31, 38, 43, 47, 58, 66, 70, 74, 91, 162
 groin lines, 32, 35, 44, 52, 54, 71, 160, 167, 195n25
 progression of, 202n1
 rib, 3, 28, 140, 141, 142, 191nn3,6, 199n1
 sexpartite, 201n4
 shell, 195n3, 200n8
 short-segmenting, 32, 35–6, 37, 38, 40, 52, 139
 spine, 86, 90
 stilting, 36, 37, 38, 52, 71, 72, 144, 156, 166, 174
 stress concentration, 28, 33, 193n9
 web angle, 31, 80, 81, 91, 92, 98, 160, 174, 197n12
 Vergnolle, Eliane, 183nn10,16
 Vignory, Saint-Étienne, 16, 17, 19, **20**, 114
 Viollet-le-Duc, Eugène Emmanuel, 182n6, 183n9, 185n2, 193n13
 Virey, Jean, 7, 182n7, 183n15, 198n3
 Volpiano, William of, 9, 184n1
 voussoirs, 32
 Willis, Robert, 181n6
 wood, 189n40