The evolution of Victorian Southampton p. 3
Analysis of existing pathologies in historic buildings of the Basque country p. 13
An Australian aqueduct: reflections on engineering assessment and heritage politics p. 25

Viollet Le Duc’s concept on historic preservation. The Egyptian society of political science, statistics and legislation p. 35
Greek orthodox churches in Anatolia p. 45
Information systems for maintenance of historical buildings and monuments - basics, data acquisition, visualization p. 59
The use of nondestructive tests on historic timber structures p. 69
Computer modelling and experimental tests on a masonry vault model p. 83
Integrated systems of geometrical survey for the monitoring of dome structural problems p. 93
Use of cylindrical specimens in evaluation of some mechanical properties of in-situ wood structural members p. 103
Application of ultrasonic techniques, as a non-destructive method, for the evaluation of a sixteenth century wood ceiling, in the Marqueses de la Algaba Palace, Seville p. 111

Estimation of damage of the surface of stones using non destructive techniques p. 121
An experimental teaching laboratory for in situ test in historical churches p. 129
The virtual structure of the Sixtine Chapel vault by Michelangelo Buonarroti p. 141
Architectural simulation by modeling procedures: the creation of the Church of Saint-Eustache in Paris p. 149
Analysis of historical buildings: San Jose Church, San Juan, Puerto Rico p. 159
On lines of thrust and stability of masonry arches p. 169
Study of sensitivity of structural analysis on the vertical section through the main nave of the Cathedral of Leon p. 179
Selection of stone preservation agents for the use in a model-restoration p. 193
Durability of impregnation products for salt contaminated natural stones p. 203
Developing a conservation strategy for earthen buildings p. 213
Study of the deterioration of the ancient stone walls of San Antolin de Toques in Galicia, Spain and the influence of the substitution of traditional lime mortars p. 221

Development of a surface-specific, anti-weathering stone preservative treatment p. 233
Characterisation of ancient hydraulic mortars on Roman monuments p. 245
Coupled heat, air and moisture transfer - the base of the durability of facade repair systems p. 255
Restoration studies of the rendering of historical buildings in Parque da Pena (Sintra, Portugal) p. 267
Structure and behaviour of materials for the conservation of monumental buildings p. 277

Models of ancient columns or colonnades subjected to horizontal base motions - study of their dynamic and earthquake behaviour p. 289
3D modeling of an historic masonry structure for rehabilitation planning and seismic retrofit design p. 299
Correlation of the observed earthquake performance of the church of St. Constantinos in Kozani-Greece with numerical predictions p. 309
The structural safety and acceptability of bell towers
Structural behaviour of ancient chimneys
Investigation of San Francisco City Hall Dome
The elliptical dome. A survey of constructive techniques to stabilize a sophisticated structure
Analyses of repair and maintenance of a masonry wall
Earthquake resistant design of masonry tower structures
Analysis of 3D systems composed of load bearing walls
Safety condition of masonry columns subjected to horizontal forces: effects of material nonlinearity and cyclic loading
Chemical-physical and structural analysis of brick masonry in monumental structures in the middle Adriatic coastal regions
Problems in rubble-filled random masonry walls
The vibration of masonry pinnacles
The earthquake resistance of ancient columns: a numerical perspective developed at the classical Temple of Apollo Epikourios
Structural repair of damaged old bell towers based on dynamic measurements
The behaviour of the monuments of Seville under the action of earthquakes
Principle of structural restoration for Hagia Sophia Dome
Architectural implications of seismic strengthening schemes
Influence of the type of masonry construction on the dynamic, response spectrum analysis
Repair of the grand staircases in the monastery of San Martin Pinario in Santiago de Compostela and in the Colegio del Cardenal in Monforte de Lemos
Increasing the load capacity of historic masonry by means of composite piles
The effect of steel reinforcing in the static analysis of historical vaulted buildings under horizontal actions
The use of resin adhesives in the repair of structural timber members
Continuity of wooden beams as a method of reinforcement and preservation of timber structures at monumental buildings
Rehabilitation of the Hondarribia Castle, in Hondarribia, Guipuzcoa
The walls of Hondarribia
Portion of the south front of Palazzo Vecchio: numerical modeling and stressing state
Structural diagnosis of the medieval bell tower of Aquileia (Italy)
Stability and consolidation of an ashlar barrel vault with great deformations: the church of Guimarei
Morup Church: a case study on structural behaviour of historical roof trusses
Repair of an old stone bridge
Can urban conservation be left to the market? The value of partnership-led conservation regeneration strategies
Urban recycling: A way to save the character of the cities
Method of intervention for transforming and modernising old town centres: the case of the vaulted masonry pipeline laid underground along via Garibaldi in Venice
The Dunaskin experience