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Nota di contenuto	1. Introduction : seismic design and Eurocode 8 / Philippe Bisch -- 2. Seismic hazard and earthquake actions / Julian J. Bommer and Peter J. Stafford -- 3. Structural analysis / Martin S. Williams -- 4. Basic seismic design principles for buildings / Edmund Booth and Zygmunt Lubkowski -- 5. Design of concrete structures / Andy Campbell and Mario Lopes -- 6. Design of steel structures / Ahmed Y. Elghazouli and Jose Miguel Castro -- 7. Design of composite steel/concrete structures / Ahmed Y. Elghazouli and Jose Miguel Castro -- 8. Design of timber structures / Christian Malaga-Chuquitaype and Ahmed Y. Elghazouli -- 9. Design of masonry structures / Matthew Dejong and Andrea Penna -- 10. Seismic isolation and supplemental damping / Damian Grant -- 11. Shallow foundations / Gopal S.P. Madabhushi, Indrasenan Thusyanthan, Zygmunt Lubkowski and Alain Pecker -- 12. Pile foundations / Gopal S.P. Madabhushi and Robert May.