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Nota di contenuto	1. Introduction to structural design : the meaning, the purpose and the limits of structural design : general -- 2. Steel structures : structural engineering -- 3. Structural steel design -- 4. Preliminary design -- 5. Single-storey, one-way-spanning buildings -- 6. Single-storey, one-way-spanning pinned-base portal-plastic design to EC3 -- 7. Multistorey buildings -- 8. Multistorey buildings, simple design to EC3 -- 9. Floor systems -- 10. Composite floor system to EC4 -- 11. Tall buildings -- 12. Wide-span buildings -- 13. Composite steel columns to EC3 and EC4 : theory, uses and practical design studies -- 14. Steel plate girders : design to EC3 -- 15. Plate girder : practical design studies -- 16. Sustainable steel buildings and energy saving.