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Nota di contenuto	1. Prestressed concrete in bridgeworks -- 2. Prestressing components and equipment -- 3. Durability and detailing -- 4. Grouting post-tensioned tendons -- 5. Prestress design and application -- 6. Design of details -- 7. Concept design of prestressed concrete bridges -- 8. Analysis of prestressed concrete bridges -- 9. Slab bridges -- 10. Beam-and-slab bridges -- 11. In situ multi-cell box girder decks -- 12. In situ single-cell box girder bridges -- 13. Precast segmental match-cast decks -- 14. Precast full-length box girders -- 15. Incrementally launched box girder bridges -- 16. Cable-stayed bridges -- 17. Other prestressed concrete bridge types -- 18. Problems and failures -- Appendix A: Definitions -- Appendix B: Symbols and notations used -- Appendix C: Bibliography, further reading and useful references -- Appendix D: Proprietary systems -- Index.
Sommario/riassunto	Concrete is the most common material for bridge construction around the world, and prestressed concrete is frequently the material of choice. Extensively illustrated throughout, this book covers all aspects of designing prestressed concrete bridge decks.