Record Nr. UNINA9910464371903321 Autore Nielsen Mogens Peter <1935, > Titolo Limit analysis and concrete plasticity / / M.P. Nielsen, L.C. Hoang Pubbl/distr/stampa Boca Raton:,: CRC Press,, 2011 **ISBN** 0-429-07554-5 1-4398-0397-8 Edizione [3rd ed.] Descrizione fisica 1 online resource (810 p.) Altri autori (Persone) HoangL. C. <1971-> Disciplina 624.18341 Soggetti Reinforced concrete construction Plastic analysis (Engineering) Concrete - Plastic properties Electronic books. Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Description based upon print version of record. Note generali Nota di bibliografia Includes bibliographical references and index. Nota di contenuto Front cover: Contents: Preface to 3rd Edition: Preface to 2nd Edition: Preface to 1st Edition; Introduction; Chapter 1. The Theory of Plasticity; Chapter 2. Yield Conditions; Chapter 3. The Theory of Plain Concrete; Chapter 4. Disks; Chapter 5. Beams; Chapter 6. Slabs; Chapter 7. Punching Shear of Slabs; Chapter 8. Shear in Joints; Chapter 9. The Bond Strength of Reinforcing Bars: Chapter 10. Seismic Design by Rigid-Plastic Dynamics; References; Back cover First published in 1984, Limit Analysis and Concrete Plasticity explains Sommario/riassunto for advanced design engineers the principles of plasticity theory and its application to the design of reinforced and prestressed concrete structures, providing a thorough understanding of the subject, rather than simply applying current design formulas. Updated and revised throughout, Limit Analysis and Concrete Plasticity, Third Edition adds-Reinforcement design formulas for three-dimensional stress fields that

enable design of solid structures (also suitable for implem