Record Nr. UNINA9910790306003321 Autore Holland Malcolm **Titolo** A practical guide to diagnosing structural movement in buildings [[electronic resource] /] / Malcolm Holland Pubbl/distr/stampa Chichester, West Sussex [England];; Ames, Iowa,: Wiley-Blackwell, 2012 **ISBN** 1-118-25037-0 1-118-25036-2 Descrizione fisica 1 online resource (238 p.) Disciplina 690/.21 Soggetti **Buildings - Defects** Earth movements and building Structural analysis (Engineering) **Building failures** Buildings - Repair and reconstruction Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Nota di bibliografia Includes bibliographical references and index. Nota di contenuto pt. 1. First principles -- pt. 2. Cracks in buildings not related to foundations -- pt. 3. Cracks in buildings related to the foundations and ground movement -- pt. 4. Repair methods. ""What's the Crack?"" When cracking is observed in a building the most Sommario/riassunto common reaction is that it must be the foundations and that it must be serious. Many surveyors are nervous about diagnosing cracks. This is understandable, as the interpretation of cracks can be difficult to teach, with university courses providing little or no time for field experience. Yet by understanding one straightforward principle the majority of cracks can be diagnosed in just a few minutes. Linking this with a good knowledge of construction techniques, the factors that distort cracking

patterns an