Record Nr. UNINA9910454906103321 Advances in comminution [[electronic resource] /] / edited by S. Komar **Titolo** Kawatra Pubbl/distr/stampa Littleton, Colo., : Society for Mining, Metallurgy, and Exploration, c2006 **ISBN** 1-61344-040-5 0-87335-272-6 Descrizione fisica 1 online resource (567 p.) Altri autori (Persone) KawatraS. K Disciplina 622/.73 Stone and ore breakers - Technological innovations Soggetti Crushing machinery - Technological innovations Mining engineering - Technological innovations 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 pt. 1. Advanced comminution technologies -- pt. 2. Comminution practices -- pt. 3. Liberation and breakage -- pt. 4. Mill design -- pt. 5. Instrumentation, modeling, and simulation. Sommario/riassunto There is a great deal of activity directed toward improving ore characterization to predict AG/SAG mill energy requirements, as well as developing improved models and instrumentation for optimization and control of comminution circuits. Instrumentation, modeling, and control functions in particular have benefited from rapidly advancing computer technology. These advances will keep energy waste to a minimum and will provide the increased energy efficiency needed to maintain ongoing success. The 36 chapters are based on the 2006 SME symposium. Topics and contributors were carefully selected to p