Record Nr. UNINA9910784043003321 Japanese lesson study in mathematics [[electronic resource]]: its **Titolo** impact, diversity and potential for educational improvement // editors. Masami Isoda ... [et al.]; with support of Shizumi Shimizu ... [et al.] Hackensack, N.J., : World Scientific, c2007 Pubbl/distr/stampa **ISBN** 1-281-12136-3 9786611121365 981-270-747-6 Descrizione fisica 1 online resource (280 p.) Altri autori (Persone) IsodaMasami Disciplina 510.71/052 Soggetti Mathematics - Study and teaching - Japan Lesson planning - Japan Effective teaching Mathematics teachers - Training of - Japan Mathematics - Study and teaching - Research - Japan 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. Nota di contenuto Contents; Foreword; Introduction: to the English Translation; Introduction: translated from the Japanese version; Chapter 1: Japanese Lesson Study in Mathematics: Chapter 2: Methods and Types of Study Lessons; Chapter 3: Trends of Research Topics in Japan Society of Mathematical Education; Chapter 4: Diversity and Variety of Lesson Study: Chapter 5: International Cooperative Projects: Appendices Sommario/riassunto In Before It's Too Late: A Report to the Nation from the National Commission on Mathematics and Science Teaching for the 21st Century (2000) in the US, the authors quote from James Stigler's conclusions from various videotape research studies of mathematics teaching: ""The key to long-term improvement [in teaching] is to figure out how to generate, accumulate, and share professional knowledge"". Japanese Lesson Study has proved to be one successful means. This book supports the growing movement of lesson study to improve the quality of mathematics education from the original viewpoints of Japa