Record Nr. UNINA9910467855703321 Autore Cheong Loh Sau **Titolo** Transforming classroom practice through robotics education / / Loh Sau Cheong, Loo Chu Kiong, Nahid Bayat Bodaghi Newcastle-upon-Tyne, UK:,: Cambridge Scholars Publishing,, 2018 Pubbl/distr/stampa **ISBN** 1-5275-2127-3 1 online resource (200 pages) Descrizione fisica Disciplina 629.892071 Soggetti Robotics - Study and teaching Artificial intelligence Electronic books. Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Intro -- Contents -- Acknowledgements -- Foreword -- Preface --Nota di contenuto Chapter One -- Chapter Two -- Chapter Three -- Chapter Four --Chapter Five -- Chapter Six -- Chapter Seven -- Index. Sommario/riassunto This book offers a thorough and reader-friendly discussion of the relevance of incorporating robotics into the 21st century classroom. It explores essential topics including outcome-based education, robotics technology, the use robotics in education, and its theoretical underpinnings, among others. It also provides a wide range of examples and figures, making the book relevant across multiple disciplines in the social, educational and computer sciences. As such, it will appeal to students, teachers, researchers, and practitioners who

intend to conduct robotics training in schools or institutions.