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   Nota di contenuto Preface -- Reading Guidelines of This Handbook -- Background material necessary for the effective use of this book -- Topic 1 Personalized Tutoring through Conversational Agents -- Topic 2 Robotics in STEM Education -- Topic 3 Robotics-Oriented Programming -- Topic 4 Language Learning with Social Robots -- Topic 5 Teaching with Robotics in Classrooms -- Topic 6 Robot-assisted Special Education -- Topic 7 Robot-Based Cognitive Training for the Senior People with Special Needs -- Postscript.

   Sommario/riassunto This book presents advances in the research of educational robotics and showcases how they can be used to facilitate learning. It summarizes popular and relevant terms and theories in educational robotics via analyzing one hundred influential journal articles in this field, to provide readers background knowledge on the subject matter. This book also guides readers in understanding how different types of robotics are utilized to promote learning among different types of