Record Nr. UNINA9910150350103321 Autore Robertson S. Ian <1951-, > Titolo Problem solving: perspectives from cognition and neuroscience / / S. Ian Robertson Abingdon, Oxon;; New York, N.Y.:,: Routledge,, 2017 Pubbl/distr/stampa **ISBN** 1-138-88957-1 1-315-71279-2 Edizione [Second edition.] Descrizione fisica 1 online resource (287 pages): illustrations Disciplina 153.4/3 153.43 Soggetti Problem solving Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Includes bibliographical references at the end of each chapters and Nota di bibliografia index. Nota di contenuto 1. What is involved in problem solving -- 2. Problem representation --3. Transfer -- 4. Worked examples and instructional design -- 5. Developing skill -- 6. Developing expertise -- 7. Insight -- 8. Creative problem solving -- 9. The neuroscience of problem solving -- 10. Conclusion. The way that we assess and overcome problems is an essential part of Sommario/riassunto everyday life. Problem Solving provides a clear introduction to the underlying mental processes involved in solving problems. Drawing on

The way that we assess and overcome problems is an essential part of everyday life. Problem Solving provides a clear introduction to the underlying mental processes involved in solving problems. Drawing on research from cognitive psychology and neuroscience, it examines the methods and techniques used by both novices and experts in familiar and unfamiliar situations. This edition has been comprehensively updated throughout, and now features cutting-edge content on creative problem solving, insight and neuroscience. Each chapter is written in an accessible way, and contains a range of student-friendly features such as activities, chapter summaries and further reading. The book also provides clear examples of studies and approaches that help the reader fully understand important and complex concepts in greater detail. Problem Solving fully engages the reader with the difficulties and methodologies associated with problem solving. This book will be of great use to undergraduate students of cognitive psychology, education and neuroscience, as well as readers and professionals with