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| | Autore | Krantz Steven G (Steven George), <1951-> |
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| | ISBN | 1-61444-511-7 |
| | Descrizione fisica | 1 online resource (xvii, 137 pages) : digital, PDF file(s) |
| | Collana | Spectrum series |
| | Disciplina | 510.71 |
| | Soggetti | Mathematics - Study and teaching<br>Mathematics - Study and teaching - Psychological aspects |
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| | Nota di bibliografia | Includes bibliographical references and index. |
| | Nota di contenuto | Introductory thoughts -- Math concepts -- Teaching techniques -- Social issues -- Cognitive issues -- What is a mathematician? -- Is mathematical maturity for everyone? |
| | Sommario/riassunto | A Mathematician Comes of Age discusses the maturation process for a mathematics student. It describes and analyzes how a student develops from a neophyte who can manipulate simple arithmetic problems to a sophisticated thinker who can understand abstract concepts, can think rigorously, and can analyze and manipulate proofs. Most importantly, mature mathematics students can create proofs and know when the proofs that they have created are correct.  Mathematics is distinct from other disciplines in the nature of its intellectual development. The book lays out these differences and discusses their significance. |