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Titolo	Expertise and skills acquisition : the impact of William G. Chase // edited by James J. Staszewski
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Altri autori (Persone)	StaszewskiJames John
Disciplina	153.1/5
Soggetti	Expertise Ability
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	List of contributors -- Introduction -- Learning from observing an expert's demonstration, explanations, and dialogues -- Cognitive engineering based on expert skill -- Motivating persistence in the face of failure : equipping novice learners with the motivational tools of experts -- Approaches to the study of life-span chess expertise -- How do people become experts? -- Chunks and templates in semantic long-term memory : the importance of specialization -- Paths to discovery -- Development of expertise and the control of physical action -- Exceptional memory and expert performance : from simon and chase's theory of expertise to skilled memory and beyond -- Expertises : remarks during a symposium honoring bill chase -- The expert brain -- Category-selective recruitment of the fusiform gyrus with chess expertise -- Expert performance : from action to perception to understanding -- Neural imaging be used to investigate learning in an educational task? -- The emergence of a multi-level approach to the study of skill acquisition and expertise.
Sommario/riassunto	<P>The research on human expertise and complex skill acquisition that William G. Chase performed in the decade between publication of the classic chess studies he conducted with Herb Simon in 1973 and his untimely and tragic death has proven profoundly influential and

enduring. Its impact spans disciplines that include Psychology, Computer Science, Education, Cognitive Neuroscience, Medicine, and Human Factors. It has contributed significantly to the emergence of Cognitive Engineering and has led to significant applications in the areas of training and instruction and knowledge-based "intellig

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