

1. Record Nr.	UNINA9910792245003321
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Titolo	The emerging spatial mind [[electronic resource] /] / Jodie M. Plumert and John P. Spencer
Pubbl/distr/stampa	Oxford ; New York, : Oxford University Press, c2007
ISBN	0-19-029340-3 9786611162733 1-281-16273-6 0-19-534594-0 1-4294-8701-1
Descrizione fisica	1 online resource (429 p.)
Altri autori (Persone)	SpencerJohn P
Disciplina	153.7/52
Soggetti	Space perception Spatial behavior Spatial ability Cognition Cognitive psychology Developmental psychology
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	Contents; Contributors; Introduction; Part I. Remembering Where Things Are; 1. Using Spatial Categories to Reason about Location; 2. Organism-Environment Interaction in Spatial Development: Explaining Categorical Bias in Memory for Location; 3. Explaining the Development of Spatial Reorientation: Modularity-Plus-Language versus the Emergence of Adaptive Combination; 4. Using Locomotion to Update Spatial Orientation: What Changes with Learning and Development?; 5. Commentary: The Nature and Development of Spatial Reference Systems; Part II. Thinking and Talking about Spatial Relations 6. On the Infant's Prelinguistic Conception of Spatial Relations: Three Developmental Trends and Their Implications for Spatial Language Learning7. Adapting Spatial Concepts for Different Languages: From Preverbal Event Schemas to Semantic Categories; 8. The Body and Children's Word Learning; 9. Developmental Changes in Children's

Understanding of Maps: What, When, and How?; 10. Map Use and the Development of Spatial Cognition; 11. Commentary: Linking Internal Representations to the External World via Spatial Relations; Part III. Mapping the Neuropsychological Bases of Spatial Development 12. Effects of Blindness and Deafness on the Development of Spatial Perception and Cognition 13. Explaining Selective Spatial Breakdown in Williams Syndrome: Four Principles of Normal Spatial Development and Why They Matter; 14. What Does Theoretical Neuroscience Have to Offer the Study of Behavioral Development? Insights from a Dynamic Field Theory of Spatial Cognition; 15. Commentary: Specificity, Mechanisms, and Timing in the Study of Spatial Cognition; Part IV. Conclusions; 16. What Makes Thinking about Development So Hard?; Author Index; A; B; C; D; E; F; G; H; I; J; K; L; M; N; O; P; Q; RS; T; U; V; W; X; Y; Z; Subject Index; A; B; C; D; E; F; G; H; I; K; L; M; N; O; P; Q; R; S; T; U; V; W

Sommario/riassunto

How does the spatial mind develop? In this book, Jodie Plumert and John Spencer bring together the leading researchers from the field of spatial cognitive development to examine how the spatial mind emerges from its humble origins in infancy and becomes its mature, flexible, and skilled adult form. The work presented sheds light on how the emerging spatial mind is fostered and shaped over time by our experiences of thinking about and interacting in the space around us. Each chapter presents cutting-edge research and theory that addresses the two pivotal questions of what changes in the spatial
