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	Titolo	Engineering General Intelligence, Part 1 : A Path to Advanced AGI via Embodied Learning and Cognitive Synergy / / by Ben Goertzel, Cassio Pennachin, Nil Geisweiller
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	Edizione	[1st ed. 2014.]
	Descrizione fisica	1 online resource (418 p.)
	Collana	Atlantis Thinking Machines, , 1877-3281 ; ; 5
	Disciplina	006.3
	Soggetti	Artificial intelligence
		Computational intelligence
		Dynamics
		Nonlinear theories
		Neurosciences
		Neural networks (Computer science)
		Artificial Intelligence
		Computational Intelligence
		Applied Dynamical Systems
		Neuroscience
		Mathematical Models of Cognitive Processes and Neural Networks
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Includes index.
	Nota di contenuto	A Brief Overview of Cog Prime -- Build Me Something I Haven't Seen: A Cog Prime Thought Experiment -- What is Human-Like General Intelligence? A Patternist Philosophy of Mind -- Brief Survey of Cognitive Architectures -- A Generic Architecture of Human-Like Cognition -- A Formal Model of Intelligent Agents -- Cognitive Synergy -- General Intelligence in the Everyday Human World -- A Mind-World Correspondence Principle -- Stages of Cognitive Development -- The Engineering and Development of Ethics -- Local, Global and Glocal Knowledge Representation -- Representing Implicit Knowledge via Hypergraphs -- Emergent Networks of Intelligence -- AGI Preschool --

A Preschool-Based Roadmap to Advanced AGI -- Advanced Self-Modification: A Possible Path to Superhuman AGI.

Sommario/riassunto	The work outlines a novel conceptual and theoretical framework for understanding Artificial General Intelligence and based on this framework outlines a practical roadmap for the development of AGI with capability at the human level and ultimately beyond.