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Titolo	Morphogenesis and Individuation // edited by Alessandro Sarti, Federico Montanari, Francesco Galofaro
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Collana	Lecture Notes in Morphogenesis, , 2195-1934
Disciplina	10 111 142.7 571.8
Soggetti	Phenomenology Developmental biology Sociophysics Econophysics Neurosciences Ontology Phenomenology Developmental Biology Data-driven Science, Modeling and Theory Building
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	Part one: Rethinking Individuation and morphogenesis -- Part two: Morphologies, culture, and spaces -- Part three: Immanence in semiotics.
Sommario/riassunto	This contributed volume aims to reconsider the concept of individuation, clarifying its articulation with respect to contemporary problems in perceptual, neural, developmental, semiotic and social morphogenesis. The authors approach the ontogenetical issue by taking into account the morphogenetical process, involving the concept of individuation proposed by Gilbert Simondon and Gilles Deleuze. The target audience primarily comprises experts in the field but the book

may also be beneficial for graduate students. The challenge of the genesis and constitution of “units” has always been at the center of philosophical and scientific research. This ontogenetical issue is common to every discipline but it is articulated in different ways: in phenomenology of perception the constitution of perceptual units is at the base of gestalt field theories, in theoretical neuroscience synchronized neural assemblies are considered as correlates of conscious processes, in developmental embryogenesis the constitution of organs is the principle outcome of morphodynamic evolution while in social morphogenesis the constitution of coherent units is common to segmentary, gerarchic and functional differentiation.

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