

1. Record Nr.	UNINA9910349422103321
Titolo	Biomimetic and Biohybrid Systems : 7th International Conference, Living Machines 2018, Paris, France, July 17–20, 2018, Proceedings // edited by Vasiliki Vouloutsi, José Halloy, Anna Mura, Michael Mangan, Nathan Lepora, Tony J. Prescott, Paul F.M.J. Verschure
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2018
ISBN	9783319959726 3319959727
Edizione	[1st ed. 2018.]
Descrizione fisica	1 online resource (XVIII, 551 p. 277 illus.)
Collana	Lecture Notes in Artificial Intelligence, , 2945-9141 ; ; 10928
Disciplina	006.3
Soggetti	Artificial intelligence Computers, Special purpose Computer networks Algorithms Artificial Intelligence Special Purpose and Application-Based Systems Computer Communication Networks
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Artificial Neural Network -- Bio-actuators -- Bio-robotics -- Biohybrid systems -- Biomimetics -- Bipedal robots -- Earthworm-like robots -- Robotics -- Decision-making -- Tactile sensing -- Soft robots -- Locomotion -- Insects -- Sensors -- Actuators.
Sommario/riassunto	This book constitutes the proceedings of the 7th International Conference on Biomimetic and Biohybrid Systems, Living Machines 2018, held in Paris, France, in July 2018. The 40 full and 18 short papers presented in this volume were carefully reviewed and selected from 60 submissions. The theme of the conference targeted at the intersection of research on novel life-like technologies inspired by the scientific investigation of biological systems, biomimetics, and research that seeks to interface biological and artificial systems to create biohybrid systems. .

