

1. Record Nr.	UNINA9910483001903321
Titolo	Neural Information Processing : 20th International Conference, ICONIP 2013, Daegu, Korea, November 3-7, 2013. Proceedings, Part III // edited by Minhoo Lee, Akira Hirose, Zeng-Guang Hou, Rhee Man Kil
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2013
ISBN	3-642-42051-6
Edizione	[1st ed. 2013.]
Descrizione fisica	1 online resource (XVIII, 638 p. 288 illus.)
Collana	Theoretical Computer Science and General Issues, , 2512-2029 ; ; 8228
Disciplina	006.4
Soggetti	Pattern recognition systems Computer vision Artificial intelligence Computer science Data mining Automated Pattern Recognition Computer Vision Artificial Intelligence Theory of Computation Data Mining and Knowledge Discovery
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di contenuto	Cognitive science and artificial intelligence -- Learning theory, algorithms and architectures -- Computational neuroscience and brain imaging -- Vision, speech and signal processing -- Control, robotics and hardware technologies -- Novel approaches and applications.
Sommario/riassunto	The three volume set LNCS 8226, LNCS 8227, and LNCS 8228 constitutes the proceedings of the 20th International Conference on Neural Information Processing, ICONIP 2013, held in Daegu, Korea, in November 2013. The 180 full and 75 poster papers presented together with 4 extended abstracts were carefully reviewed and selected from numerous submissions. These papers cover all major topics of theoretical research, empirical study and applications of neural

information processing research. The specific topics covered are as follows: cognitive science and artificial intelligence; learning theory, algorithms, and architectures; computational neuroscience and brain imaging; vision, speech and signal processing; control, robotics and hardware technologies; and novel approaches and applications.

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