Record Nr. UNISA996466305603316 Artificial Neural Networks and Machine Learning – ICANN 2019: Image **Titolo** Processing [[electronic resource]]: 28th International Conference on Artificial Neural Networks, Munich, Germany, September 17–19, 2019, Proceedings, Part III / / edited by Igor V. Tetko, Vera Kurková, Pavel Karpov, Fabian Theis Cham:,: Springer International Publishing:,: Imprint: Springer,, Pubbl/distr/stampa 2019 3-030-30508-2 **ISBN** Edizione [1st ed. 2019.] Descrizione fisica 1 online resource (XXX, 733 p. 417 illus., 273 illus. in color.) Theoretical Computer Science and General Issues, , 2512-2029;; Collana 11729 Disciplina 006.3 Soggetti Artificial intelligence Computer vision Computer engineering Computer networks Algorithms Data protection Artificial Intelligence Computer Vision Computer Engineering and Networks Computer Communication Networks Data and Information Security Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Includes bibliographical references and index. Nota di bibliografia Unsharp Masking Layer: Injecting Prior Knowledge in Convolutional Nota di contenuto Networks for Image Classification -- Distortion Estimation Through Explicit Modeling of the Refractive Surface -- Eye Movement-based Analysis on Methodologies and Efficiency in the Process of Image Noise Evaluation -- IBDNet: Lightweight Network for On-orbit Image Blind

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## Sommario/riassunto

Adversarial Perturbations for Spam Image Detection -- HLR: Generating Adversarial Examples by High-Level Representations.

The proceedings set LNCS 11727, 11728, 11729, 11730, and 11731 constitute the proceedings of the 28th International Conference on Artificial Neural Networks, ICANN 2019, held in Munich, Germany, in September 2019. The total of 277 full papers and 43 short papers presented in these proceedings was carefully reviewed and selected from 494 submissions. They were organized in 5 volumes focusing on theoretical neural computation; deep learning; image processing; text and time series; and workshop and special sessions.