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| Descrizione fisica      | 1 online resource (XXIII, 987 p. 566 illus., 272 illus. in color.)   |
| Collana                 | Image Processing, Computer Vision, Pattern Recognition, and Graphics, , 3004-9954 ; ; 11401  |
| Disciplina              | 006.4  |
| Soggetti                | Pattern recognition systems<br>Computers - Law and legislation<br>Information technology - Law and legislation<br>Software engineering<br>Application software<br>Computer networks<br>Coding theory<br>Information theory<br>Automated Pattern Recognition<br>Legal Aspects of Computing<br>Software Engineering<br>Computer and Information Systems Applications<br>Computer Communication Networks<br>Coding and Information Theory |
| Lingua di pubblicazione | Inglese  |
| Formato                 | Materiale a stampa   |
| Livello bibliografico   | Monografia   |
| Nota di bibliografia    | Includes bibliographical references and index.   |
| Nota di contenuto       | Machine Learning -- Data Augmentation via Variational Auto-Encoders -- LSTM-based Multi-scale Model for WindSpeed Forecasting.-Using deep learning to classify class imbalanced gene-expression microarrays datasets.-A data representation approach to support imbalanced data classification based in TWSVM -- Improving regression models by  |

dissimilarity representation of bio-chemical data -- A Comparative Study on Unsupervised Domain Adaption for Coffee Crop Mapping -- Analytical Comparison of Histogram Distance Measures -- Gaussian processes regression with multiple annotors -- Linear projection learned from hybrid CKA for enhancing distance-based classifiers -- Evaluation of Bag-of-Word performance for time series classification using discriminative SIFT-based mid-level representations -- Color classification methods for perennial weed detection in cereal crops -- Hierarchical graph-based segmentation in detection of object-related regions -- Dealingwith heterogeneous Google Earth images on Building Area Detection task -- Evaluation of scale-aware realignments of hierarchical image segmentation. .

#### Sommario/riassunto

This book constitutes the refereed post-conference proceedings of the 23rd Iberoamerican Congress on Pattern Recognition, CIARP 2018, held in Madrid, Spain, in November 2018. The 112 papers presented were carefully reviewed and selected from 187 submissions. The program was comprised of 6 oral sessions on the following topics: machine learning, computer vision, classification, biometrics and medical applications, and brain signals, and also on: text and character analysis, human interaction, and sentiment analysis.