UC Irvine
Machine Learning
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banknote authentication
Donated on 4/15/2013

Data were extracted from images that were taken for the evaluation of an authentication procedure for banknotes.

Dataset Characteristics
Multivariate

Subject Area
Computer Science

Associated Tasks
Classification

Feature Type
Real

Instances
1372

Features
-

Dataset Information

Additional Information
Data were extracted from images that were taken from genuine and forged banknote-like specimens. For digitization, an industrial camera usually used for print inspection was used. The final images have 400x 400 pixels. Due to the object lens and distance to the …

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Has Missing Values?
No

Variables Table

Variable Name	Role	Type	Demographic	Description	Units	Missing Values
						false
						false
						false

Variable Name	Role	Type	Demographic	Description	Units	Missing Values
						false
						false

Rows per page　⬭10⬭　　0 to 5 of 5　　　‹　　›

Additional Variable Information ⌃

Additional Information

1. variance of Wavelet Transformed image (continuous)
2. skewness of Wavelet Transformed image (continuous)
3. curtosis of Wavelet Transformed image (continuous)…

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Papers Citing this Dataset ⌃

⬭ SORT BY YEAR, DESC ⬭

Geodesic Distance Estimation with Spherelets
By Didong Li, David Dunson. 2019
Published in

Killing Four Birds with one Gaussian Process: Analyzing Test-Time Attack Vectors on Cl…
By Kathrin Grosse, Michael Smith, Michael Backes. 2018
Published in

Jackknife Empirical Likelihood Methods for Gini Correlations and their Equality Testing
By Yongli Sang, Xin Dang, Yichuan Zhao. 2018
Published in Journal of Statistical Planning and Inference.

Mode-Seeking Clustering and Density Ridge Estimation via Direct Estimation of Densit…
By Hiroaki Sasaki, Takafumi Kanamori, Aapo Hyvarinen, Gang Niu, Masashi Sugiyama. 2017
Published in J. Mach. Learn. Res..

An online generalized eigenvalue version of Laplacian Eigenmaps for visual big data
By Zeeshan Malik, Amir Hussain, Q. Wu. 2016
Published in Neurocomputing.

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Creators

👤 **Volker Lohweg**

DOI

10.24432/C55P57

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