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The Journal of Mobile Communication, Computation and Information

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Special Issue on Big Data Technologies and Applications (pp. 1163-1347)

Issue editors

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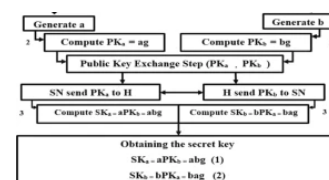
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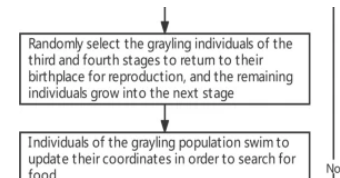


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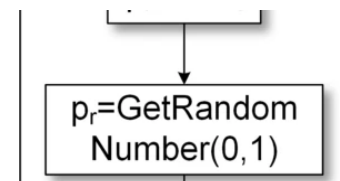


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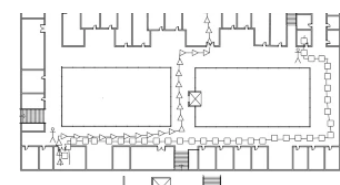


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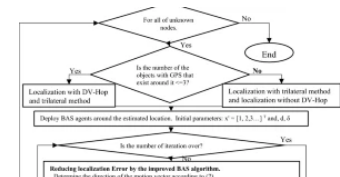
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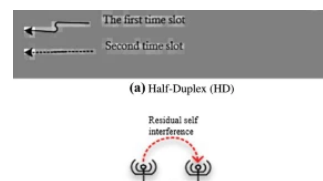
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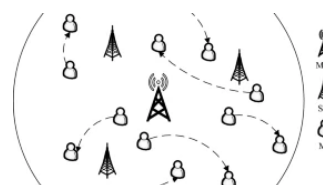
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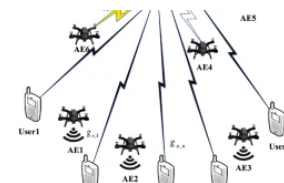
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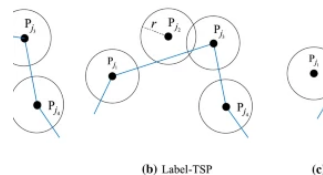
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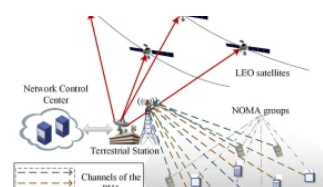
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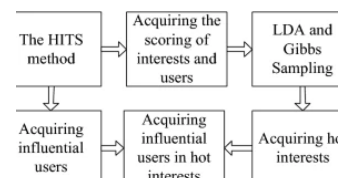
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[Correction to: User interest community detection on social media using collaborative filtering](#)

Liang Jiang, Leilei Shi ... Moses Edward Ali

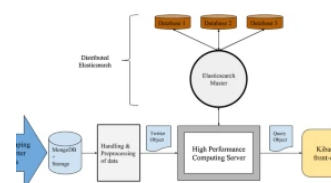
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[A framework for social media data analytics using Elasticsearch and Kibana](#)

Neel Shah, Darryl Willick & Vijay Mago

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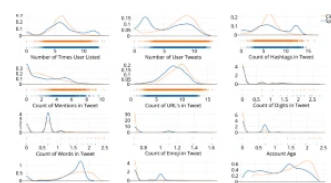


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[Cost effective, rule based, big data analytical aggregation engine for investment portfolios](#)

Rao Casturi & Rajshekhar Sunderraman

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| Cusip | Security Type | PAR (m) | MV (m) | Maturity | Cou |
|--------|------------------|---------|---------|-----------|-----|
| Cusip1 | Investment Grade | \$1,000 | \$1,321 | 3/31/2019 | |
| Cusip2 | Agency Mortgage | \$1,000 | \$1,200 | 6/30/2021 | |
| Cusip3 | High Yield | \$2,000 | \$ 568 | 3/31/2019 | |
| Cusip4 | Asset Backed | \$1,000 | \$ 968 | 8/31/2029 | |
| Cusip5 | Investment Grade | \$1,000 | \$ 790 | 6/30/2025 | |
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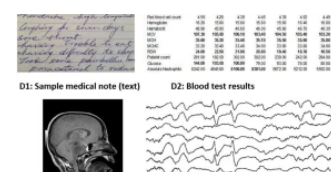


[Decision level ensemble method for classifying multi-media data](#)

Saleh Alyahyan & Wenjia Wang

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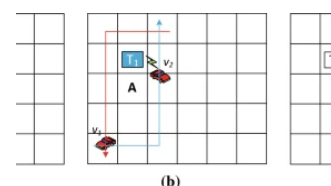


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Marwa Keshk, Nour Moustafa ... Benjamin Turnbull

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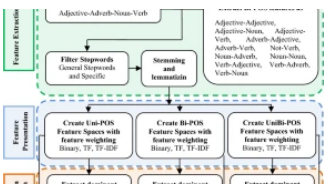
thm 1: Steps of applying ICA for reducing features of CPS data
1: Power data features PF
to weight vector (v) to generate each PC ;
late $f(u) = E_{Z_1}(u^T x) - E_{Z_2}(u^T x)$;
ute derivatives of contrast functions Z ;
raint z_1 as $z_1(u) = \tanh(a_1 u)$;
raint z_2 as $z_2(u) = u \cdot \exp(-u^2/2)$;
alise weight vector $v = v + \beta \|v\|^{-1}$;
k the convergence condition (norm
 $w = v_{old} > \xi \text{norm}(v_{old} - v_{new}) > \xi$, where $\xi = 0.0001$);
dy Step 2 if convergence condition not met;
use M features of PC ;
nt: Power-feature Components PC

NgramPOS: a bigram-based linguistic and statistical feature process model for unstructured text classification

Sepideh Foroozan Yazdani, Zhiyuan Tan ... Aida Mustapha

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Continuous restricted Boltzmann machines

Robert W. Harrison

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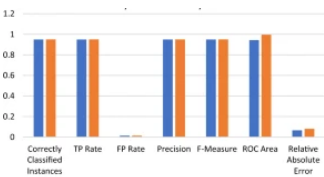
BM Training
AIN(V, Cid) $\triangleright V$ is a tuple of data v
 ∇V \triangleright Find the H values, N is
if pass then
withm 2 to update the classifier with H, Cid .
 H_j
 $\nabla_j >$ using equation 6
 $dW - < dW >$

A data mining approach to classify serum creatinine values in patients undergoing continuous ambulatory peritoneal dialysis

Claúdia Brito, Marisa Esteves ... José Machado

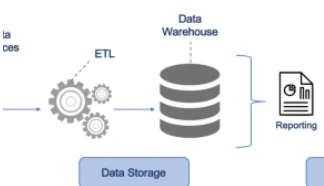
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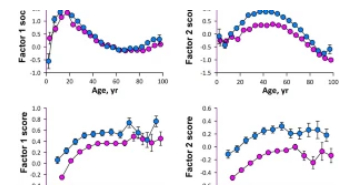
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Marisa Esteves, António Abelha & José Machado



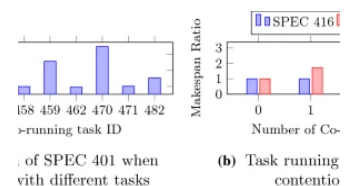
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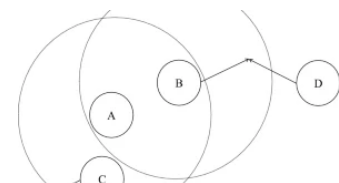
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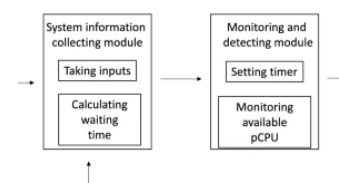
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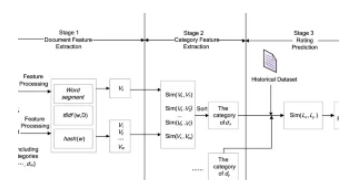
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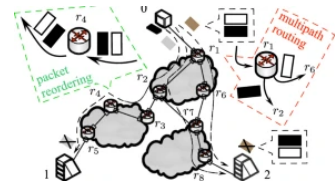
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Haojun Huang, Shengli Pan & Junbao Zhang

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