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**Weighted least squares support vector machines:
robustness and sparse approximation**

DOI: 10.1016/s0925-2312(01)00644-0
Neurocomputing, 2002, 48, 85-105.

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714	Multivariate adaptive regression spline (MARS) and least squares support vector machine (LSSVM) for OCR prediction. 2012 , 16, 1347-1351		18
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712	An LSSVR-based algorithm for online system condition prognostics. 2012 , 39, 6089-6102		34
711	An improved recursive reduced least squares support vector regression. <i>Neurocomputing</i> , 2012 , 87, 1-9	5.4	17
710	Least Squares Support Vector Machine Regression with Equality Constraints. 2012 , 24, 2227-2230		
709	Fast determination of boiling time of yardlong bean using visible and near infrared spectroscopy and chemometrics. 2012 , 109, 155-161		6
708	Chattering Free Sliding Mode Control for Uncertain Discrete Time-Delay Singular Systems. 2013 , 15, 260-269		25
707	Women with previous fragility fractures can be classified based on bone microarchitecture and finite element analysis measured with HR-pQCT. 2013 , 24, 1733-40		89
706	Non-linear dependency between spiking response and gamma-band power of local field potentials in the human auditory cortex. 2013 , 14,		78
705	Predictive modeling of human operator cognitive state via sparse and robust support vector machines. 2013 , 7, 395-407		18
704	Least Square Support Vector Machine Applied to Slope Reliability Analysis. 2013 , 31, 1329-1334		21
703	Hierarchical Modified Regularized Least Squares Fuzzy Support Vector Regression through Multiscale Approach. <i>Lecture Notes in Computer Science</i> , 2013 , 393-407	0.9	1
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701	Verification of digitally-intensive analog circuits via kernel ridge regression and hybrid reachability analysis. 2013 ,		3
700	Nonparametric density estimation of froth colour texture distribution for monitoring sulphur flotation process. 2013 , 53, 203-212		27
699	Reliability-based design optimization of reinforced concrete structures including soil-structure interaction using a discrete gravitational search algorithm and a proposed metamodel. 2013 , 45, 1147-1165		36
698	Experimental researches on an UWB NLOS identification method based on machine learning. 2013 ,		2

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696	Energy-efficient SVM learning control system for biped walking robots. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2013 , 24, 831-7	10.3		33
695	Fault diagnosis of slurry pH data base on autoregressive integrated moving average and least squares support vector machines. 2013 ,			2
694	The strategy to simulate the cross-pollination rate for the co-existence of genetically modified (GM) and non-GM crops by using FPSOSVR. 2013 , 122, 50-57			1
693	Support vector machines with piecewise linear feature mapping. <i>Neurocomputing</i> , 2013 , 117, 118-127	5.4		21
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691	Load forecasting using a multivariate meta-learning system. 2013 , 40, 4427-4437			46
690	Twin least squares support vector regression. <i>Neurocomputing</i> , 2013 , 118, 225-236	5.4		37
689	Support value based stent-graft marker detection. 2013 , 46, 962-975			3
688	Seismic reliability assessment of RC structures including soil-structure interaction using wavelet weighted least squares support vector machine. <i>Reliability Engineering and System Safety</i> , 2013 , 110, 22-33	6.3		43
687	State of Charge Estimation for Electric Vehicle Batteries Based on LS-SVM. 2013 ,			2
686	Kalman Filter and SVR Combinations in Forecasting US Unemployment. 2013 , 506-515			
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676	A Novel Sparse Least Squares Support Vector Machines. 2013 , 2013, 1-10	5
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672	Contextual Hypergraph Modeling for Salient Object Detection. 2013 ,	116
671	. 2013 ,	11
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669	Spectral Unmixing Model Based on Least Squares Support Vector Machine With Unmixing Residue Constraints. 2013 , 10, 1592-1596	30
668	ADAPTIVE WEIGHTED LEAST SQUARES SVM BASED SNOWING MODEL FOR IMAGE DENOISING. 2013 , 11, 1350043	2
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664	Forecasting Rice Production in West Bengal State in India. 2013 , 4, 68-91	6
663	A Novel Neuron in Kernel Domain. 2013 , 2013, 1-11	1
662	A practical and automated approach to large area forest disturbance mapping with remote sensing. 2014 , 9, e78438	9

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656	Fault Prediction for Nonlinear System Using Sliding ARMA Combined with Online LS-SVR. 2014 , 2014, 1-9	3
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