

ACR control algorithm labels

label	algorithms and representative words	label	algorithms and representative words
cc ₁	SFT algorithm, NNG algorithm	cc ₆₁	Pixels regression
cc ₂	Uneven ground stability	cc ₆₂	Image processing
cc ₃	Analytical trencher-machine model	cc ₆₃	Actuator-level languages, AGV
cc ₄	Estimated ego-position	cc ₆₄	Iterative algorithms, a regression model
cc ₅	PI controller, active control algorithm	cc ₆₅	Path-planning
cc ₆	Pure-pursuit method	cc ₆₆	Rose, obstacles
cc ₇	Dijkstra's algorithm	cc ₆₇	Kalman Filter Algorithm
cc ₈	Tractive thrust, numerical simulation	cc ₆₈	Msc. Adams and Matlab/Simulink programs
cc ₉	Performance test, evaluation	cc ₆₉	Dynamic model
cc ₁₀	Heuristic algorithm, heuristics	cc ₇₀	PTP control
cc ₁₁	Mesh Mould	cc ₇₁	TCP control
cc ₁₂	Path planning-linear interpolation algorithm-TP language	cc ₇₂	Particle Swarm Optimization (PSO) algorithms
cc ₁₃	NDT-method	cc ₇₄	RFID
cc ₁₄	Control travel speed	cc ₇₅	BIM-based automation IFC
cc ₁₅	Automated off-line teaching system	cc ₇₆	LPA* algorithm
cc ₁₆	User datagram protocol (UDP), real time control	cc ₇₇	Digital signal processing (DSP) controller
cc ₁₇	Admittance control	cc ₇₈	Torque measure methods
cc ₁₈	CAN-communication	cc ₇₉	RBF-PID Control, PID
cc ₁₉	A simplified error analysis model, TCP	cc ₈₀	Augmented reality techniques (AR)
cc ₂₀	Vision based gesture estimation, the CARLoS Scenario	cc ₈₁	Predictive force method
cc ₂₁	Optimizing welding sequence to control welding deformation	cc ₈₂	Generalized Resolution Correlative Scan Matching (GRCSM)
cc ₂₂	BIM, Augmented Reality, Human-Machine Interfaces (IMUs)	cc ₈₃	Finite element method
cc ₂₃	Power line communication net	cc ₈₄	Force feedback control
cc ₂₄	Beacon-based localization method	cc ₈₅	Iterative learning control, fuzzy logic controller
cc ₂₅	Search algorithm.	cc ₈₆	Master-slave system
cc ₂₆	Fusion fuzzy, fuzzy logic, fuzzy set theory	cc ₈₇	Improved Bug-based path planning algorithm
cc ₂₇	Distributed Feedback Mechanism	cc ₈₈	"Point-to-Angle" algorithms
cc ₂₈	Simulation of the mathematical model of the robot motion	cc ₈₉	Trajectory generation algorithm
cc ₂₉	Planning and Stigmergy, Linux-based computer	cc ₉₀	C++, Java, C# script, C program
cc ₃₀	Algorithm for encoder failure detection	cc ₉₁	Pre-acting control algorithm
cc ₃₁	Wireless communication, wireless Lan	cc ₉₂	VR facilitates, Virtual Reality
cc ₃₂	Parametric synthesis	cc ₉₃	Bar penetration technique, in-process reinforcing technique
cc ₃₃	Brooks' algorithm	cc ₉₄	Raspberry Pi
cc ₃₄	Anderson Passive control theory	cc ₉₅	PLC
cc ₃₅	BIM, prepare the trajectories	cc ₉₆	Real time control
cc ₃₆	PID position control	cc ₉₇	Cost optimization, and quality control functions

cc37	Intelligent beacon	cc98	J48 decision tree algorithm, Tree-Based Algorithm
cc38	Least squares algorithm	cc99	Develop dedicated smart sensors
cc39	Voltage response	cc100	Markov chains
cc40	Collision avoidance algorithms feed forward control algorithms	cc101	Robust control algorithm
cc41	Timing algorithm.	cc102	MPEG algorithm, the pair-wise alignment algorithm, Minimum V variance Matching (MVM) Algorithm
cc42	HyperCard program	cc103	Motion planning
cc43	Inverse kinematic and dynamic models	cc104	An integral monitoring system
cc44	3D printer/printing	cc105	A* algorithm, A-star
cc45	Discrete Event Simulation Models	cc106	point cloud data control
cc46	Embedded, embedding, controller	cc107	Random walk algorithm
cc47	UML state charts and capsules	cc108	Positioning system
cc48	Hierarchical planning, control	cc109	Stereovision method
cc49	Genetic Algorithms (GA)	cc110	Iterative Closest Point (ICP) algorithm
cc50	Simple kinematic connection	cc111	Measures vector value of vertical lifting
cc51	Iterative Inverse Perspective Matching algorithm	cc112	Object identification, object recognition, recognize
cc52	Longest common subsequence (LCS)	cc113	Velocity control
cc53	Forward and inverse geometric models	cc114	A behaviour-based system
cc54	Inverse position equation	cc115	Self-positioning/position algorithm
cc55	Teaching robots' specific skills	cc116	Segmentation approach
cc56	Best-fit algorithms	cc117	Land-based base station
cc57	C-K Theory	cc118	Slam, real time
cc58	Soft Additive Fabrication	cc119	Error modification
cc59	Primitive static states	cc120	Simulation algorithm
cc60	Workflow method		
cc73	Machine Learning: neural, deep learning, CNN, Computer vision, Deep Reinforcement learning, FCN, neural network, deep convolutional neural networks, RRT algorithm, LNSNet network, Network, Fast R-CNN, BP network, Stacked Hourglass Networks, CV algorithm. open CV.		