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<b>20211789</b>	Prediction of foF2 frequency based on BP neural network with single point extrapolation <i>Zhen Fang, Jianjun Shen, Xuequan Zhou</i>	<b>1808</b>
<b>20211790</b>	Research on Digital Modulation recognition based on BP neural Network <i>Zhen Fang, Jianjun Shen, Xuequan Zhou</i>	<b>1813</b>
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<b>20211794</b>	General style transfer model of wavelet network combined with self-attention mechanism <i>Mingqiang Yan, Pengfei Yu, Haiyan Li, Hongsong Li</i>	<b>1827</b>
<b>20211795</b>	Research on Target Recognition Method of Tunnel Lining Image Based on Deep Learning <i>Chengjun Li, Linhui Cai, Li Guo, Dejun Chen</i>	<b>1833</b>
<b>20211796</b>	Application Research of Transmission Line Icing Monitoring Based on Optical Fiber Sensing Technology <i>Ling He, Ji Zhao Yi, Yan Ming Wang, Lin Ma</i>	<b>1838</b>
<b>20211797</b>	Calculation of Available Transmission Capacity of Power Grid Considering the Influence of Environmental Factors <i>Xueyong Jia, Hua Sun, Yue Ma, Zhengqi Liu, Xiaoming Dong</i>	<b>1843</b>
<b>20211798</b>	ASTS: Attention-based spectrum truncation synthesis for step frequency signals <i>Qinxuan Wang, Peinuan Qin, Xueyao Wei, Meiguo Gao</i>	<b>1848</b>
<b>20211799</b>	A Spam Classification Method Based on Naïve Bayes <i>Fangyi Ye, Guanxuan Chen, Qiang Liu, Lei Zhang, Qinhui Qi, Bo Hu, Xiaoshi Fan</i>	<b>1856</b>
<b>20211800</b>	Intent detection model based on dual-channel feature fusion <i>Lihua Wang, Huiting Yang, Feng Li, Wenzhong Yang, Zhenwan Zou</i>	<b>1862</b>
<b>20211802</b>	Exploratory Research on The Functional Surface Texture Generation Based on Ball-end Tool Machining <i>Zhong Jiang, Bo Wang, Cong Chao</i>	<b>1868</b>

<b>20211803</b>	A Secure and Efficient Analytical Encryption Method for Industrial Internet Identification based on SHA-256 and RSA <i>Zhiyong Luo, Bo Wang</i>	<b>1874</b>
<b>20211804</b>	Research on Potential Energy Recovery Technology of Bridge Crane Lifting Mechanism <i>Yan Gu, Xuanxuan Zhang, Jie Jiang, Bin Li</i>	<b>1879</b>
<b>20211806</b>	Validation of near-field millimeter wave radar-based RD and RMA time-frequency domain imaging algorithms <i>Shaoqiu Song, Shiqi Xing, Junpeng Wang, Yongzhen Li, Bo Pang</i>	<b>1885</b>
<b>20211807</b>	Locally Linear Embedding Based on t-Distribution Sailfish Optimization Algorithm <i>Jiayuan Fang, Haiying Chen, Yueyang Ying, Wei Nai, Zan Yang</i>	<b>1890</b>
<b>20211808</b>	Huber Loss Function Based on t-Distribution Yin-Yang-Pair Optimization Algorithm <i>Qiqi Li, Fei er Yang, Ruoxi Wei, Han Sun, Zan Yang, Wei Nai</i>	<b>1895</b>
<b>20211809</b>	Ridge Regression Based on t-Distribution Marine Predators Algorithm <i>Yi Jiang, Shuaijie Huang, Hao Wu, Zan Yang, Wei Nai, Dan Li</i>	<b>1900</b>
<b>20211810</b>	Multi-fiber neural network brain tumor segmentation under multi-GPU conditions <i>Chong Ma, Yuan Zhang</i>	<b>1905</b>
<b>20220002</b>	Power Internet of Things Link Tracking Method Based on Dynamic Sampling Strategy <i>Shang Wu , Xiaoyu Yin, Dongbo Yu, Shuai Gong, Hang Cheng</i>	<b>1910</b>
<b>20220003</b>	Method of Emergence Communication Topology Planning based on MGA <i>Junxin Gan, Bin Zhang, Shuai Shang</i>	<b>1915</b>
<b>20220004</b>	Lasso Regression Based on t-Distribution Coot Optimization Algorithm <i>Xiaoqing Xu, Jiaqi Peng, Wei Zhao, Wei Nai, Zan Yang, Yidan Xing</i>	<b>1920</b>
<b>20220005</b>	Principal Component Analysis Based on t-Distribution Moth Swarm Algorithm <i>Jiamin Meng, Yuanyuan Sha, Lianwen Huang, Dan Li, Zan Yang, Wei Nai</i>	<b>1925</b>
<b>20220006</b>	Decision Table-based Conformance Testing Research of AUTOSAR Operating System <i>Chen Can, Yang Xing Da, Fang Ling, Wu Ke</i>	<b>1930</b>
<b>20220008</b>	Research and design of agricultural production monitoring platform based on cloud computing <i>Ziyue Niu, Jian Zhang, Tao Yang</i>	<b>1936</b>
<b>20220009</b>	A Class of Adaptive Control for Stochastic Nonlinear Systems Based on Backstepping Technology <i>Yingying Ge</i>	<b>1941</b>
<b>20220012</b>	Acceleration and optimization of artificial intelligence CNN image recognition based on FPGA <i>Peipei Yan, Zhiwei Xiang</i>	<b>1946</b>
<b>20220015</b>	Real-Time Object Detection in UAV Vision based on Neural Processing Units <i>Ming Liu, Linbo Tang, Zongya Li</i>	<b>1951</b>

<b>20220016</b>	Research on non-contact measurement based on machine vision <i>Yuhao Zha, Yanpei Luo, Yao Ding, Tao Yu</i>	<b>1956</b>
<b>20220018</b>	Research on Intelligent Health Management Technology of Opto-electronic Equipment <i>Chuming Zhang, Guojun Wei, Meilin Xie, Peng Liu, Yu Cao, Xuezheng Lian, Wei Huang, Kai Liu</i>	<b>1961</b>
<b>20220019</b>	Intelligent fault diagnosis technology of power transformer based on Artificial Intelligence <i>Li Feng, Ye Bo</i>	<b>1968</b>
<b>20220021</b>	Design on One-cycle Control VIENNA Rectifier Based on FPGA <i>Gang Liu, Liyun Pan, Qiangang Sun</i>	<b>1972</b>
<b>20220022</b>	Calculation and Analysis of Pollution Flashover Voltage of Porcelain Insulator in Transmission Line under Overheavy Pollution Environment <i>Xinwei Wang, HuaYu, Hong Liu</i>	<b>1976</b>
<b>20220024</b>	Social Recommendation Algorithm Based on Trust and Distrust <i>Yiqiu Fang, shuai Li, Junwei Ge</i>	<b>1980</b>
<b>20220025</b>	Analysis and Design of 5G Virtual Private Network for Electric Power Industry in China <i>Qingrui Guo, Jun yin, Wenbin Guo, Qiang Zhang, Sai Wu</i>	<b>1985</b>
<b>20220026</b>	Analysis and design of epidemic disease monitoring cloud platform <i>Jiaqi Wang, Jian Zhang, Kangning Zhou, Xiaojun Sun</i>	<b>1989</b>
<b>20220027</b>	Analysis and Experiments on Current Distribution of 25MW High-Voltage Slip Ring <i>Jing Feng, Tiankai Zou, Bin Sun</i>	<b>1993</b>
<b>20220028</b>	Collaborative Analysis and Processing Technology of Electric Power Business Based on 5G Network <i>Qingrui Guo, Peng Xie, Wenbin Guo, Xuerang Guo, Sai Wu</i>	<b>1997</b>
<b>20220031</b>	Research on Early Warning of Transmission Line Hidden Trouble Based on Improved YOLOV4 Algorithm <i>Xiaojing Liu, Xiang Gao, Lian Hu, Zhen Wang, Nan Chen, Yu Guo</i>	<b>2001</b>
<b>20220032</b>	Machine learning-based quality evaluation of 5G wireless network in Smart Grid <i>Weijun Zheng, Ding Chen, Jinghui Fang, Jinjiang Tang, Guoqing Wu, Jiming Yao</i>	<b>2006</b>
<b>20220033</b>	Research on optimal control strategy for velocity stability of space two-dimensional tracking turntable <i>Meilin Xie, Lu Ding, Yu Cao, Xuezheng Lian, Peng Liu, Wei Hao, Wei Huang, Kai Liu</i>	<b>2011</b>
<b>20220034</b>	Research and Design of Cloud-Based Smart Legal Service Platform <i>Kang ning Zhou, Jian Zhang, Jiaqi Wang</i>	<b>2017</b>
<b>20220035</b>	A Practical Prediction Method of Investment on Electrical Equipment <i>Yang BAI, Qian ZHANG, Yanbin HAN, Zhenbo XU, Jia ZHANG, Chunguang REN</i>	<b>2021</b>

<b>20220036</b>	An Algorithm for Recognition of Foreign Objects in Transmission Lines with Small Samples <i>Xiaojing Liu, Xianda Chen, Shuai Cao, Jianlei Gou, Haozhi Wang</i>	<b>2026</b>
<b>20220037</b>	ISIGHT-Based Optimal Analysis of Torque Distribution in the Four-wheel Drive System of Electric Vehicles <i>Binbin Zhang, Qiuye Yu, You Wu, Chaoshuo Wang, Shengnan Ma</i>	<b>2031</b>
<b>20220038</b>	Research on Control and Optimization of Vehicle Steering Performance <i>Cheng Chen, Zhuo Li</i>	<b>2036</b>
<b>20220039</b>	Application of electric field coupling method in electric energy measurement for high voltage lines <i>FANG Junlong, HUANG Yuchen</i>	<b>2040</b>
<b>20220040</b>	Multi-step-ahead Host Load Prediction with VMD-BiGRU-ED in Cloud Computing <i>Yang Liu, DanYang Zou</i>	<b>2046</b>
<b>20220041</b>	Realization of Electric Power Communication Network <i>Peipei Yan, Zhiwei Xiang</i>	<b>2051</b>
<b>20220045</b>	Research on friction disturbance compensation method in low-speed region of permanent magnet synchronous motor <i>Yuchen Wang, Zhonghua Wang</i>	<b>2056</b>
<b>20220046</b>	Dynamic Time Slot Allocation for Mobile Ad Hoc Networks using Directional Antennas <i>Xu Xu, Zhicao Song, Zhongshan Zhang</i>	<b>2061</b>
<b>20220047</b>	Low Energy Consumption Adaptive Adjustment Link Protocol Suitable for UAV Transmission Line Inspection <i>Yidan Li, Yifei Song, Yuan Gao</i>	<b>2067</b>
<b>20220049</b>	Optical fiber sensing technology based on Rayleigh backscattering curve <i>Qiang Zhang, Qingrui Guo, Xuerang Guo, Ling He, Yu'e Li</i>	<b>2074</b>
<b>20220051</b>	A CPM-DSSS Based Low Complexity Carrier Phase and Symbol Timing Offset Joint Estimator <i>Yueyan Zhao, Kezhen Song, Wanyang Jin, Changhao Du</i>	<b>2078</b>
<b>20220053</b>	Burst Frame Synchronization for MC-DS-CDMA System in Multipath Channels <i>Xiao Hu, Pingyue Yue, Weihao Yan, Xuanhe Yang, Shuai Wang, Xiangyuan Bu</i>	<b>2082</b>
<b>20220071</b>	Development of A New Standard Metal Tank Based on Automatic Control and Image Recognition Technology <i>Haiyang Li, Xuejing Li, Yiping Liu, Ming Qing, Yanbo Sun</i>	<b>2087</b>
<b>20220082</b>	Research on Startup of Synchronous Reluctance Motor Based on Square Wave Injection <i>Dengke Li</i>	<b>2091</b>

<b>20220083</b>	Research and Design of Infrastructure Monitoring Platform of Intelligent High Speed Railway <i>Ruofei Jiang, Wan qiang, Yalong Xie, Xunxiao Yin</i>	<b>2096</b>
<b>20220084</b>	Analysis of “Tripartite and Bilateral” Space Deterrence Based on Signaling Game <i>Zhiyong Wu, Yanhua Cao</i>	<b>2100</b>
<b>20220089</b>	Information Based on Big Data <i>Kefen Mou, Bing Xu</i>	<b>2105</b>