

























- using genetic algorithm. *Trans. Inst. Measure. Control.* 44: 1862-73.
- Wang C.Y., Li L.J. 2019. Hand-eye calibration algorithm for robot based on quaternion. *Transd. Microsyst. Technol.* 38:133-5.
- Wang P.H., Li L.J., Gao Z.C., Min S.H., Xiao J. 2015. The design and analysis of oscillating fruit picking head. *J. Northw. Forest. Univ.* 30:288-91.
- Wang W.J., Chen C.G., Cheng J. 2007. Active role of tea oil in medicine and health care. *Food Nutr. China.* 9:48-51.
- Wang Z., Huang Y.S. 2019. Robust decentralized adaptive fuzzy control of large-scale nonaffine nonlinear systems with strong interconnection and application to automated highway systems. *Asian J. Control.* 21:2387-94.
- Wu Q.C., Zhang Y.M., Chen Y. 2022. Design, control, and experimental verification of a soft knee exoskeleton for rehabilitation during walking. *Proceedings of the Institution of Mechanical Engineers, Part I. J. Syst. Control Engine.* 236:138-52.
- Xu J.J., Xiao L., Lin M.Q., Tan X.J., Su J. 2022. Application of fuzzy PID position control algorithm in motion control system design of palletizing robot. *Secur. Commun. Netw.* 2022. [Epub ahead of print].
- Xue F.F., Fan Z.M. 2022. Kinematic control of a cable-driven snake-like manipulator for deep-water based on fuzzy PID controller. *Proceedings of the Institution of Mechanical Engineers, Part I. J. Syst. Control Engine.* 236:989-98.
- Yan Z. 2020. Research on dynamic characteristics of angular displacement servo system of valve control hydraulic motor. *Chinese Hydr. Pneum.* 6:43-51.
- Zhang L.Y., Rao H.H., Huang D.S., Chen B., Liu M.H. 2017. Design and experiment of mechanical picking platform of camellia based on Matlab. *China Southern Agric. Machin.* 48:22-4.
- Zhang X.Z., Li L.J. 2019. Research of image recognition of camellia oleifera fruit based on improved convolutional auto-encoder. *J. Forest. Engine.* 4:118-24.
- Zhangzhou J.Y., Chen Z.W., Dai J.C., Xu X.Q., Guo Y. 2022. Valve-cylinder integrated modeling and control strategy design for hydraulic servo vibration system. *Mechan. Engine.* 1:34-8.
- Zhou Z.C., Chen R. 2013. Design on fuzzy neural network PID control system of diesel engine. *Adv. Mater. Res.* 2534:425-9.

Online supplementary material:

Part I. Introduction of camellia fruit picking background technology

Part II. Supplementary description of the mathematical model of the plant

Part III. Stability analysis of controlled system

Non-commercial use only