

TC304 Student Contest 日程

Chairman : Prof. K. K. Phoon (方国光, 新加坡国立大学)

Committee : Prof. J. Y. Ching (卿建业, 台湾大学)

Prof. L. M. Zhang (张利民, 香港科技大学)

Time	Title	Participants
13:30-13:45	Determining abnormal values of geotechnical parameter by combining soil mechanics principle and mathematical statistics	X.S. Guo, X.H. Hao, Z.Y. Yang, H.B. Song
13:45-14:00	Outlier recognition based on regression analysis and diagnostics	Y.X. Ge, Y.F. Chen , Z.H. Chen , C. Yang
14:00-14:15	A simple outlier detection method for the multiple dimensional problem	S. Zheng, Q.X. Deng, Y.X. Zhu
14:15-14:30	Discrimination of outliers using statistical methods	C.Z. Wu, R.H. Zhang
14:30-14:45	Outlier detection of clay dataset based on RANSAC regression and robust covariance estimate (MCD)	P.X. Li
14:45-15:00	A hierarchical-cluster-based method for identifying the outliers from the test data of solid mechanics provided for 2018 TC304 Student Contest	J.Z. Gao, G.L. Wang , R.M. Deng, L.M. Deng
15:00-15:15	A clustering-based lof outlier detection method	Z.L. Zhou
15:15-15:30	Outlier detection based on probability statistics and RANSAC method	J.Z. Zhang, H.F. Dai, C.R. Wu
15:15-15:30	An outlier analysis of a dataset provided in TC 304 website	C. Zhao
15:30-15:45	Coffee break	
15:45-16:00	Inspection of outliers in multivariate dataset by Bayesian information mining	J.J. Hu, J.Z. Hu, T. Cheng
16:00-16:15	Outlier detection for multivariate and sparse site-specific geotechnical data	T. Xiao, J. He
16:15-16:30	Find the outliers using Bayesian regression analysis	X. Xie, Y.L. Zhou, Y. Sun
16:30-16:45	Outlier detection by clustering with Gaussian mixture models	H.Q. Yang
16:45-17:00	The application of a novel DBSCAN and rocf algorithms in detecting outliers of investigation database from a clay site	S. Zhang, R.W. Li, A. Waqas, D. Ahmed