

中華民國力學學會年會暨第四十五屆全國力學會議
Conference on Theoretical and Applied Mechanics, CTAM 2021



CTAM 2021

2021/11/18(四)~2021/11/19(五)

計算力學論壇暨第12屆台灣邊界元會議(2021)

Friday, 19 November, 10:40 ~ 16:40, Conference Room ROOM 1

Organizer: Jeng-Tzong Chen

Session 1(計算固力), 10:40~12:25 /Chair: 陳正宗, 李家瑋

時間	講者	題目
10:40~10:55	陳清祥	Kansa RBF collocation method with auxiliary boundary centers for high order BVPs
10:55~11:10	高聖凱	Interaction between a screw dislocation and an elastic elliptical inhomogeneity by using the angular basis function
11:10~11:25	高政宏	Analytical and numerical analysis for plane elasticity problem with multi-line segments
11:25~11:40	李家瑋	Application of meshfree boundary integral equation method to anti-plane problems containing an arbitrary shape hole and a rigid inclusion
11:40~11:55	吳南靖	在二維淺水方程無網格數值模式中為乾結點設置虛擬水位以提升計算效率
11:55~12:10	Li-Wei Liu	Evaluation of bridge with functional bearing under far-field and near-fault earthquakes via viscoelastoplastic analysis
12:10~12:25	高浩真	Vibration analysis of a finite bar with an external spring on one side and the support motion on the other side

Session 2(計算流力), 13:30~15:00 /Chair: 高政宏, 吳清森

時間	講者	題目
13:30~13:45	蘇格緯	以大渦流模擬法分析層化異重流的混合機制
13:45~14:00	Jian-Sheng Huang	Magnetic Effect on Gas Diffusion Phenomena for Flow from a Stretching Surface
14:00~14:15	廖家德	艦艇上層空氣尾流場數值模擬及特性分析
14:15~14:30	Jian-Sheng Huang	Magnetic Effect and Temperature-dependent Viscosity on Aerosol Particle Deposition Mechanism for Flow over a Stretching Surface
14:30~14:45	林鏘婷	以 CFD 探討鋸峰齒鯊魚於水中行進對嗅覺影響之先期研究
14:45~15:00	JiaHuan Li	Effect of relative humidity on respiratory droplet transport produced by coughing and sneezing

Session 3(工程分析), 15:10~16:40 /Chair: 高聖凱, 陳永為

時間	講者	題目
15:10~15:25	潘政丞	時頻分析求解水下幾何噪聲研究
15:25~15:40	陳好蒨	以計算流體力學探討助聽器風噪之研究
15:40~15:55	歐陽寬	以田口方法探討結合新月形沙丘及三角片孔洞之薄膜冷卻效率
15:55~16:10	Shih-Hsien Hou	輪胎打滑數值模擬分析暨應變片開發實做
16:10~16:25	陳冠傑	鋁合金圓筒殼承受水下爆震材料應變率影響研究
16:25~16:40	陳泊宗	離岸風機塔架吊掛模擬

歡迎各位學術同好一起來共襄盛舉！！



大會網址

