

鄭富書 教授 Fu-Shu Jeng

Professor

學歷/ 美國麻省理工學院博士

Ph.D., MIT

專長/岩石力學、隧道工程、地質構造力學

Rock Mechanics, Numerical Analysis, Engineering Geology

期刊論文(Journal Paper)

註：加 * 者，為通訊作者。

A-1 **Jeng, F.S.**, M. C. Weng*, F.H. Yeh, Y.H. Yang, T.H. Huang (2019). A Constitutive model of sandstone considering the post peak behavior. *Journal of Mechanics* 35(1), 13-25. [NSC 101-2628-E-390-001-MY2 and MOST 103-2625-M-390-004](2017-02,SCI/EI)

A-2 Zhan, S.S., T.T. Wang*, **F.S. Jeng** (2018). Fracture characterization using hydrogeological approaches and measures taken for groundwater inrush mitigation in shaft excavation. *Tunnelling and Underground Space Technology*, 82, 554-567.(2017-08,SCI/EI)

A-3 **Jeng, F.S.**, K.P. uang, K.J. Chang* (2018). Analytical Solution of Folding Behaviors of Multi-layer Viscous Strata, *Terr. Atmos. Ocean. Sci.* 29(4):355-370. [NSC89-2211-E002-150, NSC89-2211-E002-152, SC98-2116-M-002-014, and NSC103-2116-M-002-007](2017-07,SCI)

A-4 Weng*, M.C., **F.S. Jeng**, B.L. Chu, Y.W. Jou, C.Y. Liao (2015). Deformation analysis of excavation in gravelly formation using the anisotropic degradation model. *Journal of the Chinese Institute of Engineers* 38(8), 959-967.[NSC 98-2221-E-390-028-MY2](2015-12,SCI/EI)

B. 研討會論文(Conference Paper)

B-1 Tsao, M.C., W.L. Chen, **F.S. Jeng**, T.T. Wang (2019): Influence of engineering geological characteristics on highway maintenance: Example of Dasha River section of Central Cross-Island Highway. Proceedings of the 5th ISRM Young Scholars' Symposium on Rock Mechanics and International Symposium on Rock Engineering for Innovative Future (YSRM 2019& REIF 2019), December 1-4, Okinawa, Japan. P-30.(2019-12)

- B-2 劉曉樺、王泰典、鄭富書、黃燦輝(2017)：圍岩應力狀態及節理面剪脹效應對岩栓支撐功效的影響，第十六屆海峽兩岸隧道與地下工程學術與技術研討會論文集，8月19-20日，貴州貴陽，168-175。(2017-08)
- B-3 李紫彤、王泰典、翁祖炘、鄭富書(2016)：岩石隧道依時變形案例模擬及圍岩變位特性探討，第十五屆海峽兩岸隧道與地下工程學術與技術研討會論文集，8月12-14日，湖南長沙，231-238。(2016-08)
- B-4 楊逸賢、翁孟嘉、鄭富書 (2015) 砂岩之峰後力學特性研究，第十六屆大地工程研討會論文集，國立高雄第一科技大學，高雄。(201-01)