

Biscardi G, Cari EPT, Oliveira VA de, Tanca Villanueva MC. **A sensitivity analysis for parameter estimation of induction motor using data from the manufacturer** [Internet]. Journal of Control, Automation and Electrical Systems. 2025 ; 1-12. Available from: <http://dx.doi.org/10.1007/s40313-025-01222-0>

Bomfim DS, Coda HB, Paccola RR. **A position-based FEM approach for modeling mixed-mode cracks in concrete** [Internet]. International Journal of Fracture. 2026 ; 250 1-22. Available from: <http://dx.doi.org/10.1007/s10704-025-00899-3>

Castelli G, Howard BC, Adyel TM, Aghakouchak A, Agramont A, Aksoy H, Alba R, Alencar PHL, Amanambu AC, Aslam H, Bharati L, BosBurgering L, Bresci E, Caramiello C, Cavus Y, Chaudhari K, Chiffard P, Choukrani H, Kwok PC, Cudennec C, Cumiskey L, Dakhlaoui H, De Angeli S, Brito MM de, Dembélé M, Dewals B, Dussaillant AR, Elshenawy A, Gwapedza D, Hall C, Hermans L, Höllermann B, Jaramillo F, Jomaa S, Koren G, Krause S, Lahsaini M, Mahé G, Manfreda S, Maynard C, Mendiondo EM, Merheb M, Nóbrega RLB, Ocampo-Melgar A, Olusola A, Alegria MEO, Owusu A, Pacetti T, Panchanathan A, Panda S, Piemontese L, Pradhananga D, Ajin RS, Rusca M, Scolobig A, Thaler T, Tran BN, Triml-Chiffard D, Vanelli FM, Villani L, Walker DW, Zarif F, Buytaert W, Ceperley N. **Co-creating water knowledge: a community perspective** [Internet]. Hydrological Sciences Journal. 2025 ; 70(16): 2899-2919. Available from: <http://dx.doi.org/10.1080/02626667.2025.2571065>

Colucci DM, Girio DL da S, Pereira MC de M, Nicoletti RS. **Numerical analysis of temperature in concrete hollow-core slabs with circular openings used in steel-concrete composite beams** [Internet]. Journal of the Brazilian Society of Mechanical Sciences and Engineering. 2025 ; 48 1-20. Available from: <http://dx.doi.org/10.1007/s40430-025-06042-6>

Despirito ML, Buzoli MR, Conceição Junior P de O, Brandão D, Dotto FRL. **Image-enhanced acoustic mapping via multimodal sensor fusion for grinding wheel condition monitoring** [Internet]. IEEE Transactions on Industrial Informatics. 2025 ; 1-11. Available from: <http://dx.doi.org/10.1109/TII.2025.3630469>

Rodrigues ID, Spence SMJ, Beck AT. **Incorporating statistical uncertainty into metamodel-driven Performance-Based Risk Optimization for seismic design** [Internet]. Engineering Structures. 2026 ; 348 1-18. Available from: <http://dx.doi.org/10.1016/j.engstruct.2025.121744>

Silva IB da, Montanari L, Shiki SB, Barbosa GF, Rodrigues AR. **Simulation method to determine the cold extrusion stress of an automotive shaft** [Internet]. International Journal of Advanced Manufacturing Technology. 2025 ; 1-7. Available from: <http://dx.doi.org/10.1007/s00170-025-17032-2>