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Faculty of Architectural Engineering, Sejong University, Korea
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Selected Publications:

Bui, T.Q., Nguyen, T.N., Nguyen-Dang, H.: A moving Kriging interpolation-based meshless method for numerical simulation of Kirchhoff plate problems. *Int. J. Numer. Methods Eng.* 77(10), 1371–1395 (2009)

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Nguyen, T.N., Ngo, T.D., Nguyen-Xuan, H.: A novel three-variable shear deformation plate formulation: theory and isogeometric implementation. *Comput. Methods Appl. Mech. Eng.* 326, 376–401 (2017)

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N. D. Nguyen, T. K. Nguyen, T. N. Nguyen and H. T. Thai, "New Ritz-solution shape functions for analysis of thermo-mechanical buckling and vibration of laminated composite beams", *Compos. Struct.* 184 (2018) 452–460.

Nguyen, N. D., Nguyen, T. K., Vo, T. P., Nguyen, T. N., and Lee, S., 2019, "Vibration and Buckling Behaviours of Thin-Walled Composite and Functionally Graded Sandwich I-Beams," *Composites, Part B*, 166, pp. 414–427.

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Nguyen, T.N., Thai, C.H., Luu, A.-T., Nguyen-Xuan, H., Lee, J.: NURBS-based postbuckling analysis of functionally graded carbon nanotube-reinforced composite shells. *Comput. Method. Appl. Mech. Eng.* 347, 983–1003 (2019)

Tan Nguyen, Pham Thang, Dieu Do, Seunghye Lee and Jaehong Lee, "Postbuckling isogeometric analysis of functionally graded carbon nanotube-reinforced composite shells under combined loading", *Book Chapter*, pp 1145-1151, July 2020, DOI: 10.1007/978-981-15-5144-4_112

Tan N. Nguyen, Ta Duy Hien, T. Nguyen-Thoi and Jaehong Lee, "A unified adaptive approach for membrane structures: Form finding and large deflection isogeometric analysis", *Computer Methods in Applied Mechanics and Engineering*, Vol. 369, Article 113239, 1 September 2020

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