

B-spline based finite element method in one-dimensional discontinuous elastic wave propagation

Kolman, Radek; Okrouhlik, M.; **Berezovski, Arkadi**; Gabriel, Dusan; Kopačka, J.; Plešek, J. Applied mathematical modelling 2017 / p. 382-395 : ill <https://doi.org/10.1016/j.apm.2017.01.077> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Numerical method for stability analysis of functionally graded beams on elastic foundation

Shvartsman, Boris; **Majak, Jüri** Applied Mathematical Modelling 2016 / p. 3713 - 3719 <https://doi.org/10.1016/j.apm.2015.09.060> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#)

Zonal modeling of air distribution impact on the long-range airborne transmission risk of SARS-CoV-2

Aganovic, Amar; Cao, Guangyu; **Kurnitski, Jarek**; Melikov, Arsen Kriko; Wargocki, Pawel Applied mathematical modelling 2022 / p. 800-821 <https://doi.org/10.1016/j.apm.2022.08.027> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)