

**Electromechanical coupling of waves in nerve fibres**

**Engelbrecht, Jüri; Peets, Tanel; Tamm, Kert** Biomechanics and modeling in mechanobiology 2018 / p. 1771–1783 : ill  
<https://doi.org/10.1007/s10237-018-1055-2> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Negative group velocity in solids**

**Tamm, Kert; Peets, Tanel; Engelbrecht, Jüri; Kartofelev, Dmitri** Wave motion 2017 / p. 127-138 : ill  
<https://doi.org/10.1016/j.wavemoti.2016.04.010> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Numerical simulation of mechanical waves in biomembranes**

**Tamm, Kert; Peets, Tanel** 28th Nordic Seminar on Computational Mechanics, 22-23 October, Tallinn, 2015 : proceedings of the NSCM28 2015 / p. 179-182 : ill

**On mechanical aspects of nerve pulse propagation and the Boussinesq paradigm**

**Peets, Tanel; Tamm, Kert** Proceedings of the Estonian Academy of Sciences 2015 / p. 331-337 : ill  
[https://artiklid.elnet.ee/record=b2740556\\*est](https://artiklid.elnet.ee/record=b2740556*est)

**On solitonic solutions for the hyperelastic rod equation**

**Salupere, Andrus; Rätsep, Margus** Wave motion 2019 / 8 p <https://doi.org/10.1016/j.wavemoti.2019.102404> [Journal metrics at Scopus](#)  
[Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**On the application of 2D discrete spectral analysis in case of the KP equation**

**Salupere, Andrus; Ratas, Mart** Mechanics research communications 2018 / p. 141-147 : ill  
<https://doi.org/10.1016/j.mechrescom.2017.08.010> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**On the influence of internal degrees of freedom on dispersion in microstructured solids**

**Tamm, Kert; Peets, Tanel** Mechanics research communications 2013 / p. 106-111 : ill  
<https://doi.org/10.1016/j.mechrescom.2012.10.006> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)