



Professor Krzysztof Wisniewski

K. Wisniewski, Finite rotation shells (Google eBook), Springer, 2010, 483 pages

See:

https://www.researchgate.net/profile/K_Wisniewski

<https://translate.google.com/translate?hl=en&sl=pl&u=http://bluebox.ippt.pan.pl/~kwisn/&prev=search>

Institute of Fundamental Technological Research
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Research Interests:

Numerical methods in mechanics and engineering; Finite element method; Finite rotation shells

Selected Publications:

Book:

K. Wisniewski, Finite rotation shells (Google eBook), Springer, 2010, 483 pages

Journal Articles:

Krzysztof Wisniewski, Robert L. Taylor, (1990) "Decomposition of the initial stability problem for a cylindrical shell under non-symmetric loads", Engineering Computations, Vol. 7 No. 2, 1993, pp. 90–100

Wisniewski K., Schrefler B.A., On recovery of stresses for a multi-layered beam element, Engineering Computations 10, 1993, 563–569

K. Wisniewski and E. Turska, "Warping and in-plane twist parameters in kinematics of finite rotation shells", Comput Method Appl M, Vol 190, pp. 5739-5758, (2001).

Panasz P. & Wisniewski K. (2008). "Nine-node shell elements with 6 dofs/node based on two-level approximations. Part I Theory and linear tests" Finite Elements in Analysis and Design, 44, 784-796.

Wisniewski K, Panasz P. Two improvements in formulation of nine-node element MITC9. Int J Numer Meth Eng 2013;93(6):612–34.