



Professor Paul R. Heyliger

From: "Elastic Constants of Layers in Isotropic Laminates," P.R. Heyliger, H. Ledbetter, S. Kim, and I. Reimanis, Journal of the Acoustical Society of America, Vol. 114, pp. 2618-2625 (2003).

See:

<https://www.engr.colostate.edu/ce/paul-heylinger/>

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<https://www.researchgate.net/scientific-contributions/Paul-R-Heyliger-31970612>

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Summary:

Dr. Paul Heyliger was awarded his Ph.D. in Engineering Science and Mechanics from Virginia Tech in 1986. He joined the faculty at Colorado State University in 1988. He is currently Professor of Civil and Environmental Engineering at Colorado State University, where he studies mechanics of materials and structures.

Selected Publications:

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|-----|---|------|
| 104 | Heyliger, PR and Asiri, Abdullah "A Total Lagrangian Elasticity Formulation for the Non-linear Free Vibration of Anisotropic Beams" International Journal of Non-Linear Mechanics, 118 103826 | 2020 |
| 103 | Hussein, A, Heyliger, P, and Mahmoud, H "Blast response of a thin oriented strand board wall" Engineering Structures, 201 109835 | 2019 |
| 102 | Alkharisi, MK and Heyliger, PR "Axial-Torsional Vibrational Modes of Braided and Trape-zoidal Wires" ASME Journal of Vibration and Acoustics 141 024501 | 2019 |
| 101 | Dinavahi, SL Divya, Chen, J, Heyliger, PR and Pan, E. "Coupled Fields in layered thermo-magneto-electroelastic spheres" Journal of Intelligent Material Systems and Structures, 29,2782-2794 | 2018 |
| 100 | Jiang, Chao and Heyliger, P.R. (2017) "Thickness Effects in the Free Vibration of Laminated Magneto-electroelastic Plates" Journal of Mechanics of Materials and Structures, 12 (4), 521-544 | 2017 |
| 99 | Heyliger, P. R. (2017) "Simple Cylindrical and Spherical Finite Elements" International Journal for Numerical Methods in Engineering, 112 (13), 2174-2182 | 2017 |

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