

References

1. Latha PK, Darshana Y, Venugopal V. Role of building material in thermal comfort in tropical climates – A review. *Journal of Building Engineering* 2015; 3: 104–113.
2. Mlakar J, Štrancar J. Temperature and humidity profiles in passive-house building blocks. *Build Environ* 2013; 60: 185–193.
3. Song G, Paskaluk S, Sati R, Crown EM, Dale JD, Ackerman M. Thermal protective performance of protective clothing used for low radiant heat protection. *Text Res J* 2011; 81(3): 311-323.
4. Yu S, Warren JJ. Numerical modeling of heat and moisture transfer in a wearable convective cooling system for human comfort. *Build Environ* 2015; 93(2): 50–62.
5. Korycki R. Two-dimensional shape identification for the unsteady con-duction problem. *Struct Multidiscip O* 2001; 21(3): 229-238.
6. Zucca S. Identification of a low-order model for thermal stress monitoring. *J Therm Stresses* 2005; 28(3): 301-315.
7. Kodur VKR, Naser M, Pakala P, Varma A. Modeling the response of composite beam–slab assemblies exposed to fire. *J Constr Steel Res* 2013; 80: 163-173.
8. Korycki R. Modeling of transient heat transfer within bounded seams. *Fibres Text East Eur* 2011; 88(5): 112-116.
9. Padture NP, Gell M, Jordan EH. Thermal Barrier Coatings for Gas-Turbine Engine Applications. *Science Journals* 2002; 296(5566): 280-284.
10. Koizumi M. FGM activities in Japan. *Compos Part B-Eng* 1997; 28(1-2): 1-4.
11. Shabana YM, Noda N. Numerical evaluation of the thermomechanical effective properties of a functionally graded material using the homogenization method. *Int J Solids Struct* 2008; 45: 3494-3506.
12. Yin HM, Paulino GH, Buttlar WG, Sun LZ. Effective Thermal Conductivity of Two-Phase Functionally Graded Particulate Composites. *J Appl Phys* 2005; 98(6): 063704-063704-9.
13. Giunta G, Crisafulli D, Belouettar S, Carrera E. A thermo-mechanical analysis of functionally graded beams via hierarchical modelling. *Compos Struct* 2013; 95: 676-690.
14. Loja MAR, Barbosa JI, Mota Soares CM. A study on the modeling of sandwich functionally graded particulate composites. *Compos Struct* 2012; 94(7): 2209–2217.
15. Hsu-Tai T, Seung-Eock K. A review of theories for the modeling and analysis of functionally graded plates and shells 2015. *Compos Struct*, 128: 70–86.
16. Kelly A. *Concise Encyclopedia of Composite Materials*. Pergamon, 1994.
17. Olatunji AO, Boetcher SKS, Cundari TR. Thermal conduction analysis layered functionally graded materials. *Comp Mater Sci* 2012; 54: 329-335.
18. Ghoshdastidar PS. *Heat Transfer*. Oxford University Press, 2004.

19. Dems K, Radaszewska E, Turant J. Modeling of Fibre-Reinforced Composite Material Subjected to Thermal Load. *J Therm Stresses* 2012; 35: 579-595.