

## **Publications:**

1. Elshabasy, M. M., Newman, B., and Yu, S., “**Underload Injection Effect on Optimal Overload Values for Crack Growth Retardation**” 47 AIAA / ASME / ASCE / AHS / ASC Structures, Structural Dynamics and Material Conference, Newport, Rhode Island, AIAA-2006-1649, 1-4 May, 2006.
2. Elshabasy, M. M., and Newman, B., “**Mean Stress Effect on Optimal Overload for Crack Mitigation in Aircraft Panels**” 47 AIAA / ASME / ASCE / AHS / ASC Structures, Structural Dynamics and Material Conference, Newport, Rhode Island, AIAA-2006-1650, 1-4 May, 2006.
3. Elshabasy, M. M., Abou El-Wafa, M. N., Hamdy, A. H., El-Midany, A.A., “**Comparison Between Inclusions And Holes As Stress Raisers In Composite Materials Used In Wind Turbine Components,**” 45th AIAA Aerospace Sciences Meeting and Exhibit, Reno, Nevada, 8-11 January, 2007.
4. Elshabasy, M. M., “**Validating the Classical Failure Criteria for Applicability to the Notched Woven-Roving Composite Materials,**” Journal of Composites, Volume 2014, Article ID 329153.
5. Mohamed MYB Elshabasy,”**Augmentation of classical failure criteria for comprehensive applicability to interfacially deficient woven-roving composites,**” Journal of Composite Materials, Vol. 50(11) 1483–1496, April, 2016.
6. Kouritem, S. A., Elshabasy, M. M. , and El-Gamal, H. A., “**Optimum Location/Area of PZT Actuators for Flutter Damping Using Norm Feedback Control Gain-Based Iterative Method,**“ ASEM15/ANBRE15 Conference, Daejeon, South Korea, SM109\_1519F1, 18-22 August 2015.
7. Kouritem, S. A., Elshabasy, M. M. , and El-Gamal, H. A., “**FE Meshing Scheme for Accurate Placement/Area of PZT Actuators for Flutter Damping Using LQR Method,**“ ASEM15/ANBRE15 Conference, Daejeon, South Korea, SM136\_1520F1, 18-22 August 2015.
8. Omran, A. and Elshabasy, M. M., “**Note on: Inverse Dynamic Control of Parallel Manipulators,**” Proceedings of the Institution of Mechanical Engineers, Part C, Journal of Mechanical Engineering Science, Vol. 224, No. 1, January, 2010, pp. 25-32.

9. Elshabasy, M. M., Yoon, Y., and Omran, A. “**Designing Stipulated Gains of Aircraft Stability and Control Augmentation Systems,**” ISRN Aerospace Engineering Journal, Volume 2014, Article ID 409408.