

Publications:

1. Mir Md. Maruf Morshed, Colin H. Hansen and Anthony C. Zander, "Prediction of Acoustic Loads on a Launch Vehicle: Non-unique Source Allocation Method", *Journal of Spacecraft and Rockets (JSR)*, Vol. 52, No. 5, September 2015, pp. 1478-1485.
2. Mir Md. Maruf Morshed, Colin H. Hansen and Anthony C. Zander, "Prediction of Acoustic Loads on a Launch Vehicle Fairing During Lift-off", *Journal of Spacecraft and Rockets (JSR)*, Vol. 50, No. 1, January 2013, pp. 159-168.
3. Mir Md. Maruf Morshed, Anthony C. Zander and Colin H. Hansen, "Two-Dimensional and Three-Dimensional Acoustic Loadings on Cylinders Due to a Point Source", *Journal of American Institute of Aeronautics and Astronautics (AIAA)*, Vol. 49, No. 11, November 2011, pp. 2421-2429.
4. Mir Md. Maruf Morshed, Colin H. Hansen and Anthony C. Zander, "Sound Pressure Field Due to Obliquely Incident Waves on a Cylinder", *proceedings of the 18<sup>th</sup> International Congress of Sound and Vibration (ICSV18)*, Vol. 1, 10-14 July 2011, Rio De Janeiro, Brazil, pp. 318-324.
5. Mir Md. Maruf Morshed, Anthony C. Zander and Colin H. Hansen, "Sound Pressure at the Surface of a Cylinder Due to a Point Source", *proceedings of the 13<sup>th</sup> Asian Congress of Fluid Mechanics (13 ACFM)*, 17-21 Dec. 2010, Bangladesh, pp. 212-215.
6. Md. Amin Mahmud, Md. Shahriar Islam, Md. Zahid Hossain, and **Mir Md Maruf Morshed**, "A Comparative Study between Different Helmholtz Resonator Systems", Accepted on 24 August 2016 for publication in the *Journal of Canadian Acoustics*.
7. Md. Amin Mahmud, Md. Shahriar Islam, Md. Zahid Hossain, and **Mir Md Maruf Morshed**, "Improvement of Noise Attenuation in a Duct Using Two Helmholtz Resonators", *International Review of Mechanical Engineering (I.R.E.M.E.)*, Vol. 9, No. 3, May 2015, pp. 231-236.
8. Md. Amin Mahmud, Md. Zahid Hossain, Md. Shahriar Islam and **Mir Md Maruf Morshed**, "Noise Attenuation by Two One Degree of Freedom Helmholtz Resonators", *Global Science and Technology Journal*, Vol. 3, No. 1, March 2015, pp. 1-9.
9. Md. Amin Mahmud, Md. Zahid Hossain, Md. Shahriar Islam and **Mir Md Maruf Morshed**, "Noise Attenuation by Two One Degree of Freedom Helmholtz Resonators", *10th Global Engineering, Science and Technology (GIST)*, 2-3 January 2015, Dhaka, Bangladesh.

10. Mir Md. Maruf Morshed , “Prediction of Exterior Sound Pressure Field of a Cylinder Using the Boundary Element Method”, *Procedia Engineering*, Vol. 56, May 2013, pp. 857-863.
11. Mir Md. Maruf Morshed, Colin H. Hansen and Anthony C. Zander, “Prediction of Acoustic Loads on a Launch Vehicle Fairing During Lift-off”, *Journal of Spacecraft and Rockets (JSR)*, Vol. 50, No. 1, January 2013, pp. 159-168.
12. Mir Md. Maruf Morshed, “Prediction of Exterior Sound Pressure Field of a Cylinder Using the Boundary Element Method”, *proceedings of the 5<sup>th</sup> Bangladesh Society of Mechanical Engineers- International Conference on Thermal Engineering (5<sup>th</sup> BSME-ICTE)*, 21-23 December 2012, Bangladesh.
13. Mir Md. Maruf Morshed, Anthony C. Zander and Colin H. Hansen, “Two-Dimensional and Three- Dimensional Acoustic Loadings on Cylinders Due to a Point Source”, *Journal of American Institute of Aeronautics and Astronautics (AIAA)*, Vol. 49, No. 11, November 2011, pp. 2421-2429.
14. Mir Md. Maruf Morshed, Colin H. Hansen and Anthony C. Zander, “Sound Pressure Field Due to Obliquely Incident Waves on a Cylinder”, *proceedings of the 18<sup>th</sup> International Congress of Sound and Vibration (ICSV18)*, Vol. 1, 10-14 July 2011, Rio De Janeiro, Brazil, pp. 318-324.
15. Mir Md. Maruf Morshed, Anthony C. Zander and Colin H. Hansen, “Sound Pressure at the Surface of a Cylinder Due to a Point Source”, *proceedings of the 13<sup>th</sup> Asian Congress of Fluid Mechanics (13 ACFM)*, 17-21 Dec. 2010, Bangladesh, pp. 212-215.
16. Md. Shahriar Islam, Md. Zahid Hossain and **Mir Md. Maruf Morshed**, “Dynamic Response of a Simply Supported Plate Due to Excitation at Different Points”, *International Journal of Advancements in Mechanical and Aeronautical Engineering (IJAMAE)*, Vol. 2, Issue 1, 30 April 2015, pp. 73-81.
17. Md. Shahriar Islam, Md. Zahid Hossain and **Mir Md. Maruf Morshed**, “Dynamic Response of a Simply Supported Plate Due to Excitation at Different Points”, *Second International Conference on Advances in Mechanical, Aeronautical and Production Techniques-MAPT*, 20-21 Dec. 2014, Kuala Lumpur, Malaysia.