

Publications

• Journal Papers

- 1- **R. Jamshidi**, A. A. Jafari “[*Evaluating sensor distribution in simply supported truncated conical shells with piezoelectric layers*](#)” *Mechanics of Advanced Materials and Structures*, 2018.
- 2- **R. Jamshidi**, A. A. Jafari “[*Transverse Sensing of Simply Supported Truncated Conical Shells*](#)” *Journal of Computational Applied Mechanics*, 2017.
- 3- **R. Jamshidi**, A. A. Jafari “[*Evaluating Actuator Distributions in Simply Supported Truncated Thin Conical Shell with Embedded Piezoelectric Layers*](#)” *Journal of Intelligent Material Systems and Structures*, 2018.
- 4- **R. Jamshidi**, A. A. Jafari “[*Conical Shell Vibrations Control with Distributed Piezoelectric Sensor and Actuator Layer*](#)” *Composite Structures*, 2020 (Revised).
- 5- **R. Jamshidi**, A. A. Jafari “[*Nonlinear Vibration of Conical Shell with A Piezoelectric Sensor Patch and A Piezoelectric Actuator Patch*](#)” *Journal of Vibration and Control*, 2020 (Submitted).
- 6- **R. Jamshidi**, A. A. Jafari “[*Conical Shell Vibration Optimal Control with Distributed Piezoelectric Sensor and Actuator Layers*](#)” *ISA Transactions*, 2020 (Submitted).
- 7- **R. Jamshidi**, A. A. Jafari “[*Active Control of Forced Vibration of Conical Shells with A Piezoelectric Sensor and Actuator Layer*](#)” *Mechanics of Advanced Materials and Structures*, 2020 (Submitted).

• Conference Papers

- 1- **R. Jamshidi**, A. A. Jafari, “*Free vibration analysis of vertical Rectangular plates in contact with fluid on one side*” 5th International Acoustic and Vibration conference, 2011, Tehran, Iran.
- 2- **R. Jamshidi**, M. Mahjoob, H. Ebrahimi “*Damage Detection of Truss Structure by Modal Testing*”, 1st International Acoustic and Vibration conference, 2011, Tehran, Iran.
- 3- H. Ebrahimi, A. Gaffari, A. Atyabi, **R. Jamshidi** “*Estimation of normal and ischemia tissues, with different doses of vasopressin (AVP), through packet wavelet analysis of electrocardiogram and atrial blood pressure signals*” 21st International Mechanical Engineering Conference, 2013, Tehran, Iran.
- 4- A. Gaffari, H. Ebrahimi, A. Atyabi, **R. Jamshidi** “*Cardiac arrhythmia diagnosis method using hybrid network with Feature analysis on ECG*”

signals” 21st International Mechanical Engineering Conference, 2013, Tehran, Iran.