

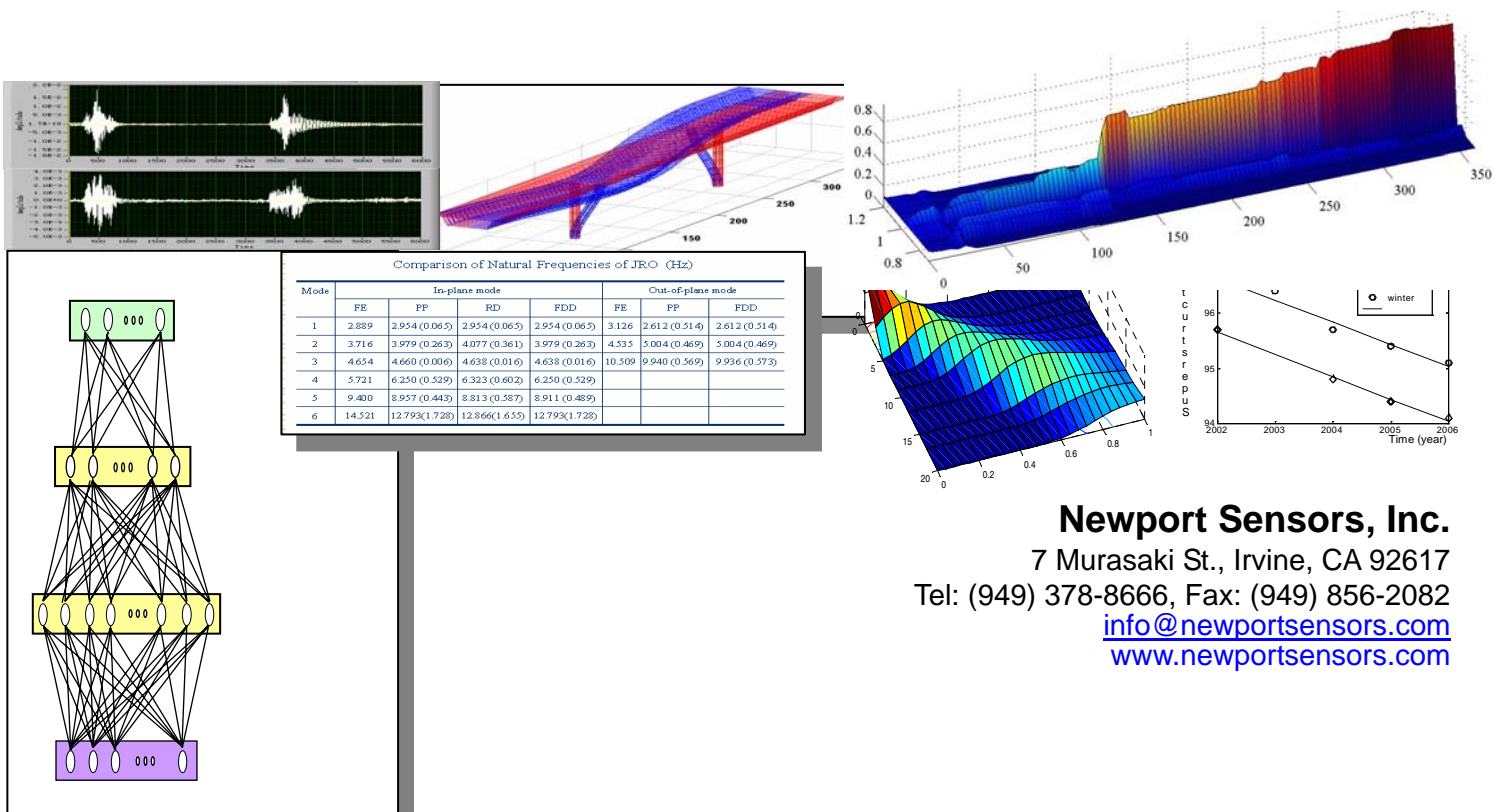
# BRIDGE-DOCTOR-411

## Bridge Health Diagnostic Software



### A Software Platform for Supporting Decisions on Bridge Design, Maintenance, and Post-Event Emergency Response

- Analyze data from vibration sensors on a bridge, identify change in structural stiffness and damping in real time or near real time, and establish database for structural model updating and long-term health monitoring
- Detect, localize, and quantify post-event damage in real-time or near real time
- Update bridge analytical model for improving structural analysis and design
- Customized for individual bridges
- Integratable with existing bridge management tool



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