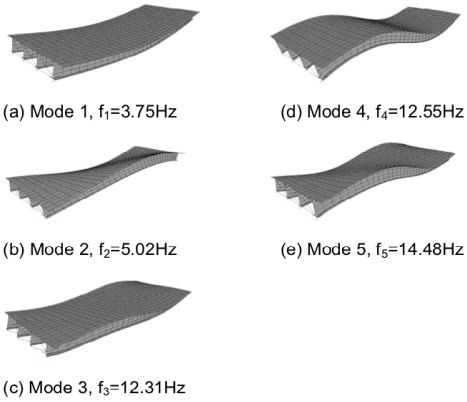


Figure 4. First five vibration modes of FE model.

*Figure 1. Dome Shells*

These innovative structures combine the advantages of sandwich shells together with novel construction technology to produce seamless self-supporting structures that are aesthetically pleasing with soft shapes and curves, and have excellent thermal properties and low maintenance requirements. The structures utilise superior material technology and structural action, have short construction times and are substantially lighter.

# Professor David P. Thambiratnam

**The middle image above is from:** Shih, Hoi Wai and Thambiratnam, David P. and Chan, Tommy H.T. (2009) Damage assessment in multiple- girder composite bridge using vibration characteristics. In: The Second Infrastructure Theme Postgraduate Conference : Rethinking Sustainable Development: Planning, Engineering, Design and Managing Urban Infrastructure, 26 March 2009, Queensland University of Technology, Brisbane, Australia.

**The right-most image above is from:** Nasir, Azhar, Thambiratnam, David, & Button, Clifford (2012) Performance characteristics of compound curved sandwich shell structures. Journal of the International Association for Shell and Spatial Structures, 53(171), pp. 19-30.

See:
https://staff.qut.edu.au/staff/d.thambiratnam
https://scholar.google.com/citations?user=0Vw4ADcAAAAJ&hl=en
https://www.researchgate.net/profile/David_Thambiratnam/4

School of Civil and Built Environmant, Queensland University of Technology, Brisbane, Australia

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