

STRUCTURAL HEALTH MONITORING OF GLASS FIBER USING PIEZO MATERIAL

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ABSTRACT

Investigating a new generation of structural health monitoring (SHM) system of glass fiber in which a piezo material is embedded into it. It is excited by placing the piezo material at different points inside the glass fiber composite and investigated. Further various applications in the aerospace industry and as a source of electricity are investigated.

KEYWORDS: *Structural Health Monitoring*