**Vibrations of membranes with generalized finite Hankel transformation**

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**Abstract**. In this study, it is shown that the vibrations of membranes are governed by the two-dimensional wave equation and can be solved partial differential equations using generalized finite Hankel transformation. The graphical representation of modes of vibrating membranes is included at the end of the section.

**Keywords:** generalized finite Hankel transformation, Fourier-Bessel series type, operator, vibrating membrane, wave equation.