

Nigar D. PANAHOVA

RESEARCH OF VIBRATIONS OF A
COMPRESSIBLE LIQUID-FILLED CYLINDRICAL
SHELL BY THE INVERSE METHOD

Abstract

We consider free radial-bending vibrations of a compressible liquid-filled cylindrical shell. We research dependence of eigen vibrations of a liquid-free shell expressed by eigen frequencies of the system.

The spectra of curves of eigen frequencies are constructed.