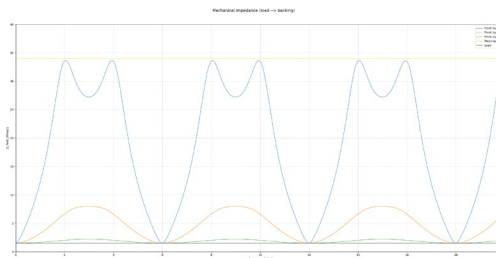


Purpose and aim

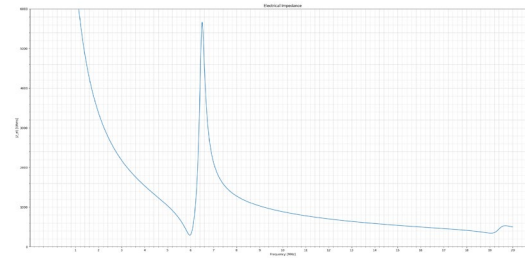
The goal of the project is to create a Python program that performs 1D numerical modelling of piezoelectric, bulk-mode ultrasound transducers for research and rapid prototyping.

Implementation and testing of simulation tool for ultrasound transducers based on 1D equivalent circuit models

Results



Mechanical impedance for layered structure



Electrical impedance for layered structure

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