

## 機械・精密システム工学科 学会発表

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演題名	Vibration Analysis for the Violin with or without Bass-bar
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内容	<p>In this research, it examined how the existence or non-existence of the bass-bar of the violin changed vibration and sound. The bass-bar is the part to support the pressure of the bridge which is in the reverse side of the top plate by. It measures a vibration measurement and sound by the existence or non-existence of the bass-bar, using marketed violin manufacturing kid this research and installing the top plate in the musical instrument next, installing in the vibration measurement by the hammer excitation by the existence or non-existence of the bass-bar first only with the top plate and it introduces vibration modes and results of comparing transfer functions.</p>