

MIMS現象数理カフェセミナー

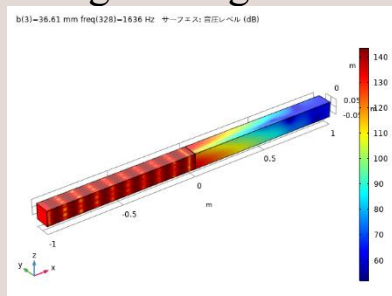
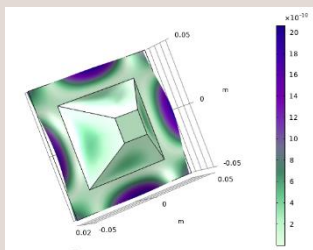
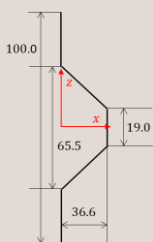
日時: 2020年12月9日(水) (13:30 - 14:10)

場所: 今年度はZoomでのリモート開催となります

Development of sound insulation simulation technology using finite element method and application to origami engineering

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Abstract : The light and highly rigid origami structures are expected to be applied to the floors of automobiles and trains. They also require excellent sound insulation characteristics. The finite element method (FEM) is expected to be applied to the evaluation of the sound insulation characteristics of complex structures. Since it does not easily match the theoretical value, it has still been studied mainly experimentally. Here, the developed high-precision and high-efficiency sound insulation characteristic evaluation method will be tried to apply to origami engineering.



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