

Development of Standard Evaluation Technique for Car Carpet Floor

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Abstract : Statistical Energy Analysis is to be the most effective CAE Method for air-born noise analysis in the Automotive area. This study deals with a method to predict the noise level inside of the car under the steady-state condition using the SEA model of car for air-born noise analysis. We can identify weakened part due to the acoustic material properties using it. Therefore, it is useful for the material structural design.

Keywords : air-born noise, material structural design, acoustic material properties, absorbing

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