

MIMS現象数理カフェセミナー

日時：2016年5月9日(月) (12:10 – 12:50)

場所：中野キャンパス8階 談話室

Perfect Victory in NHK TV Show “Sugowaza”
from Development of Vehicle Collision Simulation

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Abstract: Around 1970, for boycotting Japanese cars, a strict safety standard was newly provided in U.S. Since a testcar is around 1 billion yen, to reduce the number of testcars for verifying crash characteristics became the biggest subject concerning the continued existence of vehicle companies over the world. At that time, finite element method(FEM) had been exerting high power in vibration analysis, however had been helpless in collision analysis. I'll talk how to develop the technique for collision simulation using FEM. Also, I'll tell the road to victory in NHK TV show “Sugowaza(Supreme Skills)” by explaining the relationship between origami engineering and vehicle collision simulation.



問い合わせ：

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