## ラージ・エディ・シミュレーションによる竜巻状の渦を作る試み

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キーワード: LES, 竜巻, 数値計算, 渦, シミュレーション

## A Trial of Generating a Tornado-like Vortex by Large Eddy Simulation

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**Synopsis:** A tornado-like vortex was generated numerically by Large Eddy Simulation. The calculation region was designed to reproduce the wind flow in a tornado simulator. The tornado simulator consists of a convection region and a convergence region. An unsteady flow field of vortex was generated and examined the flow characteristics with varying the inflow conditions and the configuration of calculating region.

Keyword: Large Eddy Simulation, tornado, numerical simulation, vortex