



LESによる強制振動角柱に作用する変動風力の解析

LARGE EDDY SIMULATION OF UNSTEADY PRESSURE FIELD ACTING ON OSCILLATING PRISM

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ABSTRACT

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Key Words: LES, Oscillating prism, Unsteady pressure field

1. はじめに

本文

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論文の最後

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LARGE EDDY SIMULATION OF UNSTEADY PRESSURE FIELD ACTING ON OSCILLATING PRISM

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	ABSTRACT
	Unsteady velocity-pressure fields around an oscillating square prism are analyzed by means of Large Eddy Simulation (LES). The accuracy of the numerical results is assessed by
	comparison with experimental data · · · · · · · · · · · · · · · · · ·
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	with the experimental data in terms of, 1) the phase angle between the displacement of the oscillating prism and the negative pressure acting on the side face, 2) the correlations of the pressures across the side face.
	Key Words: LES, Oscillating prism, Unsteady pressure field
1. INTROD	UCTION
Distribu	tions of the fluctuating surface pressure and the wind forces acting on bluff-shaped bodies are of great
practical int	erest in the field of structural
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