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

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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Key Words: LES, Oscillating prism, Unsteady pressure field

１．はじめに

　著者らは既報において２次元角柱周りの流れに対してＬＥＳの２次元計算、３次元計算を比較し、３次元ＬＥＳの結果が静止角柱に作用する　．　．　．　．　．　．　．　．　．　．　．　．

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論文の最後

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Key Words: LES, Oscillating prism, Unsteady pressure field

1. INTRODUCTION

 Distributions of the fluctuating surface pressure and the wind forces acting on bluff-shaped bodies are of great practical interest in the field of structural . . . . . . . . . . . . . .

Text

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