

## **Influence of Fiction on the Nonlinear Buckling**

# **埼玉大学 Problem of Shallow Spherical Shells Contacting with**

## **Rigid Walls**

#### **Xuan Cuong NGUYEN** Yoshio ARAI, Wakako ARAKI, and Noriyasu YAMADA

**1. Introduction** 

Buckling: A severe failure of the shallow spherical shells

To examine the effect of friction between the shallow spherical shells and rigid





walls on the buckling behaviors under uniform external pressure and

2. Objective

