

SEDIMENTATIONDINGS

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WS2020/2021

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1. INTRODUCTION

We mainly follow [2] to simulate the simulation of rod particles in a two dimensional domain.

A. MODEL

We simulate the sedimentation of rectangular rods in a quadratic domain $[0, s] \times [0, s]$. We first deposit N rods rectangular rods with thickness $d = \hat{d}s$ and length $l = \hat{l}s$ for some $\hat{d}, \hat{s} \in (0, 1)$ [1]

B. ALGORITHM

C. PARAMETERS

D. EVALUATION

D.1 ORDER PARAMETER

D.2 SEDIMENTATION COLUMN HEIGHT

2. SCALE

3. ASPECT RATIO

4. SIZE OF DOMAIN

5. MEDIUM

6. POTENTIALS

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