Shallow water model Validation

Edgar Gago Carrillo

Polytechnic University of Catalonia edgargc.upc@gmail.com

November 18, 2018



Overview

- 1 The model
 - Geometry
 - Matlab configuration
- 2 Validation of the model
 - Design conditions
 - Advective terms
 - Mass conservation
- 3 Testing the model
 - Initial conditions
 - First results
- 4 Conclusions



Geometry

Matlab configuration

conditions

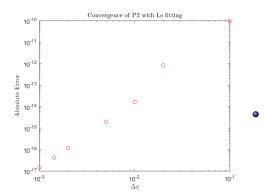


Figure: Convergence of the advective term P1

Heading

- Statement
- 2 Explanation
- Second Example
 Second Example

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Integer lectus nisl, ultricies in feugiat rutrum, porttitor sit amet augue. Aliquam ut tortor mauris. Sed volutpat ante purus, quis accumsan dolor.

Thick you for your attention