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- 1 Introduction
 - Formulating the Nonlinear Problem
- 2 Governing Equations
- 3 Solvers
- Results
- 5 Conclusions



- 1 Introduction
 - Formulating the Nonlinear Problem



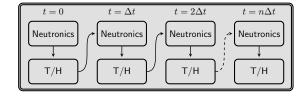
Motivation

Research is key



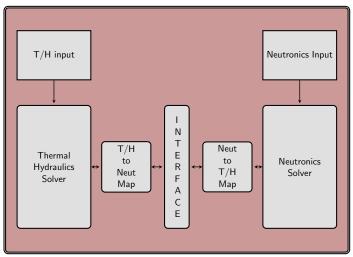
Introduction

Common Approach to Coupling - Operator Splitting





PARCS Coupling





- - Formulating the Nonlinear Problem
- 2 Governing Equations



- - Formulating the Nonlinear Problem
- 3 Solvers

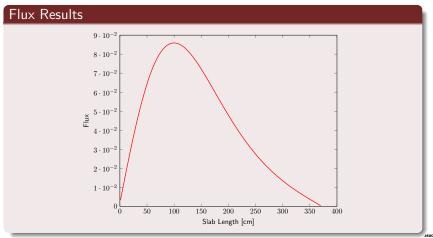


- - Formulating the Nonlinear Problem

- Results



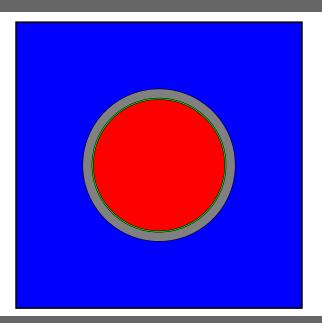
Flux Results - Steady Solution



Animation



Results





- - Formulating the Nonlinear Problem

- 5 Conclusions

