

C Problem

- ❑ discretisation: Differentiator
- ❑ values: real[:]
- ❑ grid: real[:]

A Differentiator

● *differentiate(grid: real[:], values: real[:]): real[:]*

C FiniteDiff2ndOrder

❑ stencil: real[3]

● *differentiate(grid: real[:], values: real[:]): real[:]*

C FiniteDiff3rdOrder

❑ stencil: real[5]

● *differentiate(grid: real[:], values: real[:]): real[:]*