

## Gap-tooth scheme

`configPatches1`  
construct patches across  
space



standard PDE solver `ode15s`  
input `patchSmooth1`



process results and plot

`patchSmooth1`  
interface with  
microscale PDE and  
patch coupling  
conditions



`patchEdge1`  
coupling conditions



`heteroDiff`  
microscale PDE



Projective integration scheme