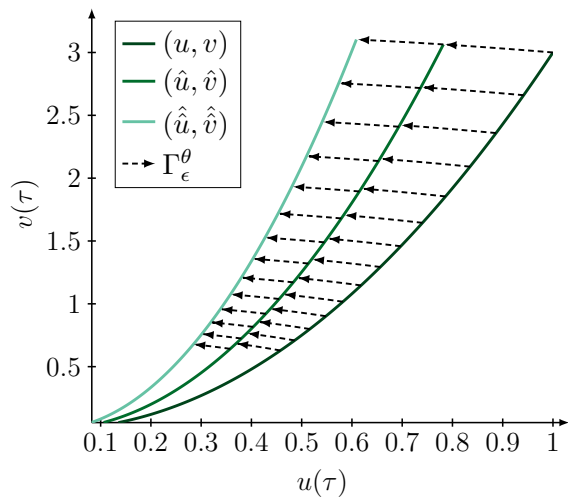
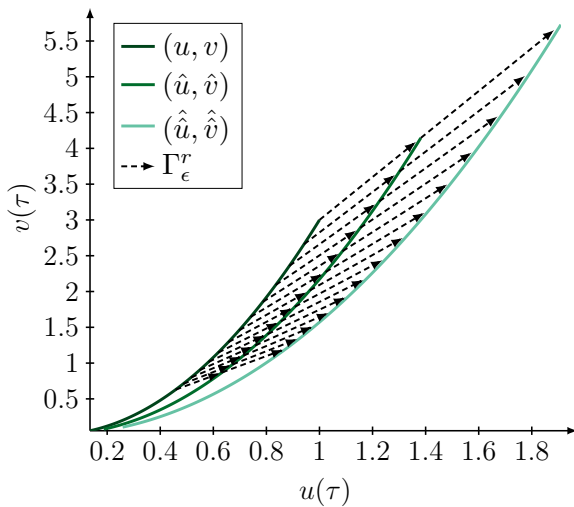


Radial symmetry  $\Gamma_\epsilon^r$

Angular symmetry  $\Gamma_\epsilon^\theta$

Stable node  
 $A = \begin{pmatrix} -1 & 0 \\ 0 & -2 \end{pmatrix}$



Saddle point  
 $A = \begin{pmatrix} 1 & 0 \\ 0 & -2 \end{pmatrix}$

