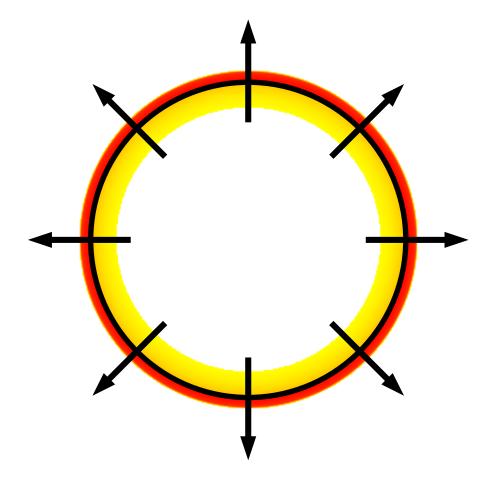
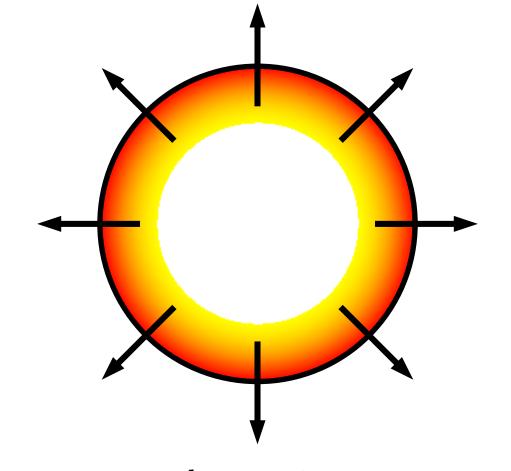


subsonic deflagration  $v_{\rm w} \leq c_s$ 



supersonic deflagration  $c_s < v_w < c_J$ 



 $\begin{array}{c} \text{detonation} \\ c_{\text{J}} \leq v_{\text{w}} \end{array}$ 

-0.8

 $v/v_{
m peak}$ 

-0.2

 $\cdot ().()$