

Coupled equations  
for density profiles

$$r_d \rightarrow 0 \\ \Rightarrow$$

Uncoupled equations for  
coefficients of decomposition

$$r_F \rightarrow 0 \Downarrow$$

$$\Downarrow r_F \rightarrow 0$$

Uncoupled equations  
for density profiles

$$\Rightarrow \\ r_d \rightarrow 0$$

Fast switching limit  
of reaction rate