Γ_1 Γ_2

$\vec{v}\uparrow$ Γ_1 $\Gamma_2 + t\vec{v}$

$\vec{v}\downarrow$ Γ_1 $\Gamma_2 + t\vec{v}$

$\hookleftarrow \vec{v} - \cap$

weight 2 edge

Γ_1

2 Γ_2

2 $\vec{v}\leftarrow$

2 $\vec{v}\rightarrow$

no weight!

$\vec{v}\rightarrow$

!!! $\leftarrow\vec{v}$

need more than just edge weights to define multiplicity