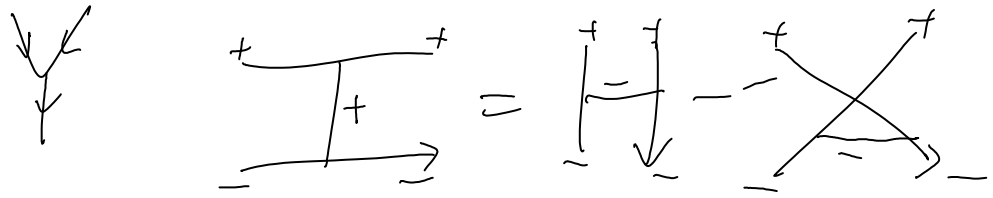
Symmetric Spaces

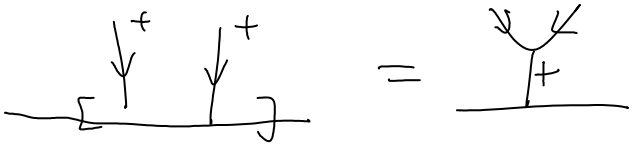
September-29-10
2:22 PM

$[h,h] \subset h$, $[h,m] \subset m$, $[m,m] \subset h$ why should I care?

$$\begin{pmatrix} A & B \\ C & D \end{pmatrix} = \underbrace{\begin{pmatrix} A & 0 \\ 0 & D \end{pmatrix}}_{h} \oplus \underbrace{\begin{pmatrix} 0 & B \\ C & 0 \end{pmatrix}}_{m}$$



$\Rightarrow$ "signed arrow diagrams"



wknots w/o R2?