I may want to rename the $U = M + M$ isomorphism "sift" or "winnow". 

or maybe something with polarization?

In framed $U$-knots, \[ \frac{\delta}{\delta_0} = \frac{\partial}{\partial_0} \]

Impossing this on $v$-knots, we get

\[ \psi^+ + \psi^- = 0 \quad \text{or} \quad \psi^+ = \psi^- \]

Moral: We should be talking about $v$-knots with "rotation information"?

Problem - give a good characterization of the LMO invariant / Arhus integral as an invariant of knots or KTGs, so as to enable its generalization to the virtual world.