QQ: don't get induced inner product stuff

or how defining on $\alpha \otimes \beta$ defining on the direct sum.

Why is the restriction to $\bigoplus \Lambda^{i,0}$ the normal wedge product

Where is the tensor stuff used?

For $\gamma \in$

- is commutative on ~~$\bigoplus \Lambda^{i,i}$~~ $\Lambda^{*,*}$

as for $\alpha \in \Lambda^{i,i}$, $\beta \in \Lambda^{j,j}$

$\ell\ \alpha, \beta = (-1)^{ij+ij}\ \beta \cdot \alpha = \beta \cdot \alpha.$

~~α~~ $(\alpha \otimes \beta) \cdot (\alpha' \otimes \beta') \in \Lambda^{n+p, m+q}.$

as $\alpha \wedge \alpha' \in \Lambda^{n+p}$, $\alpha' \wedge \beta' \in \Lambda^{m+q}$