Random

June-09-11 11:13 AM

HW. Use the (K,I) approach to define a generalization of "finite type invariants of pure braids with a fixed linking matrix". See if that generalizes to the Aarhus story, and to the v and w worlds. See if it provides a more satisfactory foundations to the Aarhus story.

Given
$$(k, I)$$
 $T_2: k \rightarrow k/I^2$

$$J = kc / T_2 = I^2$$

$$S = k/J = k/I^2 = "skeletens" in dy = 0$$

$$C = J/I^3 = J^2/I^3 = "choids" in deg = 1.$$

$$\mathcal{F}_m :=$$

Is there a reasonable notion of "knots with multiplicity", whose projectivization would see the leg-count grading of unitrivalent graphs?

Given a QTLBA, how does its weight system relate to that of its double? What is not determined by Who -	QTLBA: his a bracket and a classical r-mitrix; a co-bracket is derived
in the co-commutative case v	& hence W is o,
yet Wrr sees Alexander.	Maj = [r, a0/+10a]
A similar question: In a QTLBA,	Ir, -I are g- Ir, -I invariant.
r Letermines of. To what exten	of Joes
8 determine r?	
Name Things grap - graded a	approximation 2 approximation 6

I should figure out what "doubling a double" means in diagrammatic terms.

diagrammatic terms.

I should book into "Vu-knots"— knots whose "Virtual" crossings are Themselves u-crossings.