

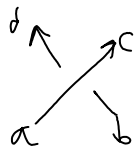


Is there a version of this that would appropriately include the polynomial coefficient rings?

Ans. It should be considered as fibered over the circuit algebra of equivalence relations. Above every equivalence relation is

$$\Lambda^{1/2}(V^{10}) \otimes \Lambda^{top}(V^0) \otimes (\text{polynomials in variables corresponding to equiv. classes})$$

According to BBS/Archibald-080730-204035



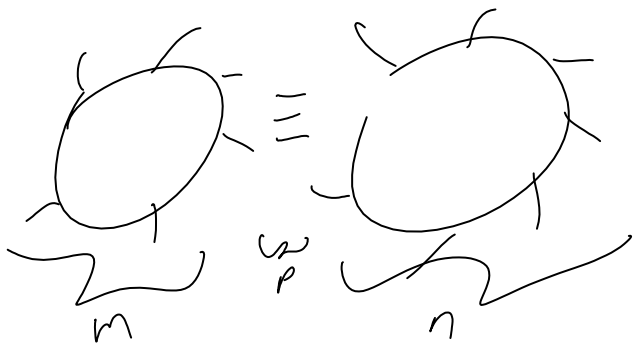
$$\begin{array}{l} \begin{array}{l} d \nearrow \\ a \swarrow \end{array} \longrightarrow \begin{array}{l} t_b a^1 b + 1 c^1 d \\ -t_b a^1 d + 1 b^1 c \\ +t_a a^1 c + (t_a - 1) b^1 d \end{array} \quad \begin{array}{l} 1 a^1 b + t_a c^1 d \\ +1 b^1 c - t_a a^1 d \\ (t_b - 1) a^1 c \end{array} \\ \underbrace{\hspace{15em}}_{\text{according to 080806 program}} \end{array}$$

Fox calculus:

$$\frac{\partial}{\partial a_i} a_j = \delta_{ij} \quad \frac{\partial}{\partial a_i} 1 = 0$$

$$\frac{\partial}{\partial a_i} (uv) = \frac{\partial}{\partial a_i} u + u \frac{\partial}{\partial a_i} v$$

$$0 = \frac{\partial}{\partial a} (a a^{-1}) = 1 + a \frac{\partial}{\partial a} a^{-1} \Rightarrow \frac{\partial}{\partial a} a^{-1} = -a^{-1}$$



$$\frac{m}{2} + \frac{n}{2} - p$$

in

$$m+n-2p$$

$$\det_n \begin{pmatrix} | & | \\ C_1 & C_2 \\ | & | \\ \hline 1 & -1 \end{pmatrix} = \det_{n-1} \begin{pmatrix} | & | \\ C_1+C_2 & \hat{C}_2 \\ | & | \\ | & | \end{pmatrix}$$

Question How do the Saito ends enter this formalism? Also - how they enter the w-formalism?

Dream There ought to be some "dual" of the Saito end.