2Dv thoughts

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(150409) 2Dv: b: bracket trace; c: cobracket trace; $\langle b, c\rangle = \delta \in \{0, 1\}$. Relations: locality, $[a_{ij}, a_{ik}] = c_k a_{ij} - c_j a_{ik}$, $[a_{ik}, a_{jk}] = b_j a_{ik} - b_i a_{jk}$, $[a_{ij}, a_{jk}] = (c_j - b_j)a_{ik} + b_i a_{jk} - c_k a_{ij}$, $[b_i, a_{ij}] = -[b_j, a_{ij}] = -[c_i, a_{ij}] = [c_j, a_{ij}] = b_i c_j - \delta a_{ij}$, $[b_i, c_i] = 0$.

$L = \mathrm{span}(f a_{ij}, g)$ $\quad f, g \in \mathbb{Q}[[b_i, c_j]]$

Jacobi: $[[a_{ij}, b_k], b_l] \stackrel{?}{=} [[a_{ij}, b_l], b_k]$

$[a_{ij}, F] =$

$[x, y] = x$

$[x, f(y)] \sim f(y + y')/(y')^n \to x$

The 1-∞ quotient is "at most one C of $\int$"