

$$F(x+y) = \text{ch}(x, y),$$

I still don't understand \tilde{f} ! $j(F) \in \text{im}(\tilde{\delta})$.

$$\begin{aligned} (\tilde{\delta}f)(x_1, \dots, x_{n+1}) &= f(x_2, x_3, \dots, x_{n+1}) \\ &+ \sum_{i=1}^n (-1)^i f(x_1, \dots, \text{ch}(x_i, x_{i+1}), \dots, x_{n+1}) \\ &+ (-1)^{n+1} f(x_1, \dots, x_n). \end{aligned}$$

"on lien and tr_n "

Is $\tilde{f} = "f \text{ in Euler coordinates}"?$
No. \tilde{f} commutes with E.

Is $j = "t-b \text{ in Euler coordinates}"?$