Elliptic Braid Relations

Elliptic Braids. $PB_n^1 := \pi_1(C_n^1)$ is generated by $\sigma_{ij}$, $x_i$, $y_j$, with $PB_n$ relations and $(x_i, x_j) = 1 = (y_i, y_j)$, $(x_i, y_j) = \sigma_{ij}^{-1}$, $(x_i, x_j, \sigma_{ij}) = 1 = (y_i, y_j, \sigma_{ij})$, and $\prod x_i$ and $\prod y_j$ are central. [Bez] implies $A(PB_n^1) = \langle x_i, y_j \mid [x_i, x_j] = [y_i, y_j] = \text{MORE} \rangle$, and [CEE] construct a Taylor expansion using sophisticated iterated integrals. [En2] relates this to Elliptic Associators.