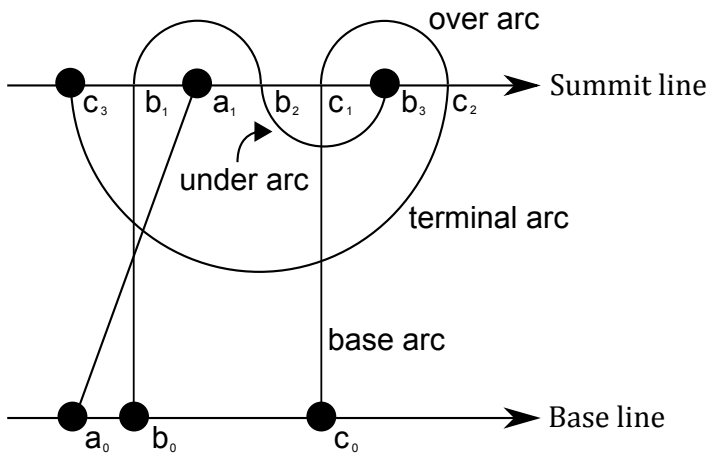


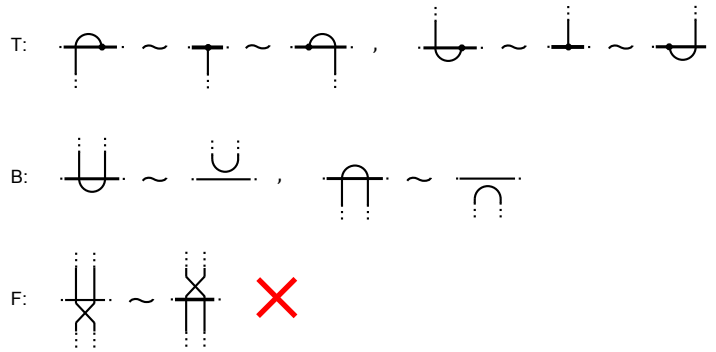
A virtual curve diagram

No crossing arcs above the summit line



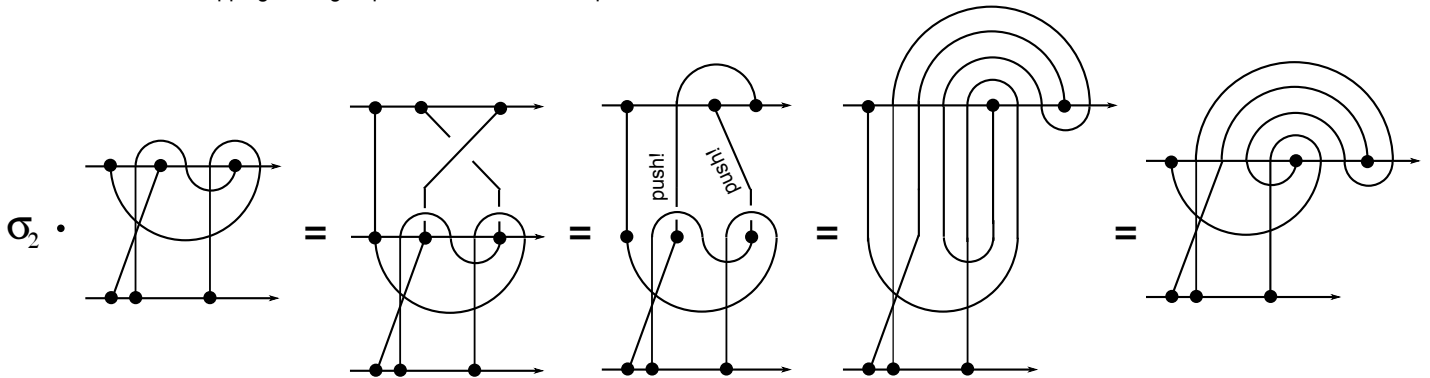
Equivalence of virtual curve diagrams, and a forbidden move

Curves interacting with the summit line

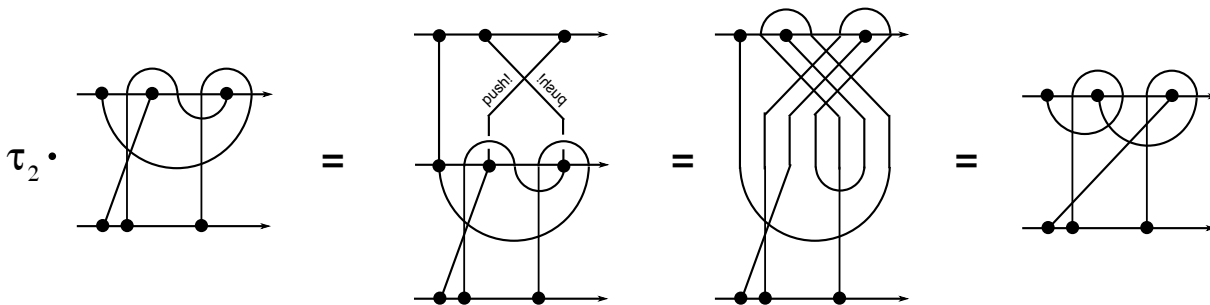



The left action of a braid generator

Just the familiar mapping class group action of a braid on a punctured disk



The left action of a permutation generator



Claim: The left action on the trivial diagram , is faithful.

1. How does this relate to the Bardakov representation?
2. Can we deduce that finite type invariants separate virtual braids?

$$\sigma_i \mapsto \begin{cases} x_i \mapsto x_i x_{i+1} x_i^{-1} \\ x_{i+1} \mapsto x_i \end{cases} \quad \tau_i \mapsto \begin{cases} x_i \mapsto q x_{i+1} q^{-1} \\ x_{i+1} \mapsto q^{-1} x_i q \end{cases}$$