

$$\Sigma^k =$$

Diagrammatic representation of the self-energy  $\Sigma^k$  as a sum of three terms:

- Term 1: A horizontal line with two arrows pointing right, labeled  $k;1$  and  $k;2$ . A vertical wavy line connects the first arrow to a loop.
- Term 2: A horizontal line with two arrows pointing right, labeled  $k;1$  and  $k;2$ . A wavy loop is attached to the first arrow.
- Term 3: A horizontal line with two arrows pointing right, labeled  $k;1$  and  $k;2$ . A large loop structure is attached to the first arrow, consisting of a diamond labeled  $\Gamma^0$  and a rectangle labeled  $F_{\partial c 23}^{q k k'}$ .