

$$\oint_a T(a, a) = \int_{a', a''} \delta \mathbf{A}(a', a'') \pitchfork T(a', a'')$$

$$\Downarrow$$

$$\int_{a', a'', n} \left( \Delta[n] \times \amalg \mathbf{A}[a' | \vec{x} | a''] \right) \pitchfork T(a', a'')$$

$$\downarrow$$

$$\Delta[n] \pitchfork \mathfrak{Y}(T)^n.$$