



**AS:**

$$\begin{array}{c} \diagup \\ | \\ \diagdown \end{array} + \begin{array}{c} \diagup \\ | \\ \diagdown \\ \text{---} \\ | \\ \text{---} \\ \diagup \\ | \\ \diagdown \end{array} = 0$$

**STU:**

$$\begin{array}{c} \diagup \\ | \\ \diagdown \\ \text{---} \\ \curvearrowright \end{array} = \begin{array}{c} \diagup \\ | \\ \diagdown \\ \text{---} \\ \curvearrowright \end{array} - \begin{array}{c} \diagup \\ | \\ \diagdown \\ \text{---} \\ \curvearrowleft \end{array}$$

**IHX:**

$$\begin{array}{c} \text{---} \\ | \\ \text{---} \\ | \\ \text{---} \end{array} = \begin{array}{c} \text{---} \\ | \\ \text{---} \\ | \\ \text{---} \end{array} - \begin{array}{c} \diagup \\ | \\ \diagdown \\ \text{---} \\ | \\ \text{---} \\ \diagup \\ | \\ \diagdown \end{array}$$

**A Jacobi diagram in a circle**