Def. A spin network is a cubic ribbon graph $G$ together with a map $\chi: E(G) \to \mathbb{N}$. Can be evaluated in the usual way:

$$\chi = A \left( + A^{-1} \right)$$

$$\bigotimes_{k} = \frac{A^{2k} - A^{-2k}}{A^{2} - A^{-2}}$$

$$\frac{n+1}{\bigotimes_{n} + \frac{[n+1]}{[n+2]} \bigotimes_{n+1}} = \frac{1}{\bigotimes_{n+1}}$$
the usual planar vertex rules