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**Title**: sl(N) link homology from trivalent TQFT.

Abstract: For each integer N, we construct a TQFT for planar trivalent graphs and trivalent surfaces. Following Khovanov construction for sl(2) and sl(3), we use this TQFT to define an homology of links. This homology is defined over integer and should be rationally equivalent to Khovanov-Rozansky sl(N) link homology. We will consider functoriality properties and Lee-Rasmussen type degeneracy.