

# $C_n$ -moves and polynomial link invariants as Vassiliev invariants

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## **abstract**

It is known that many polynomial invariants are Vassiliev invariants. On the other hand, it is also known that a  $C_n$ -move, which is a local move defined by K.Habiro, does not change values of Vassiliev invariants of order less than  $n$ . In this talk, we report some relations between a  $C_n$ -moves and polynomial link invariants which are Vassiliev invariants of order  $n$  or  $n + 1$ .