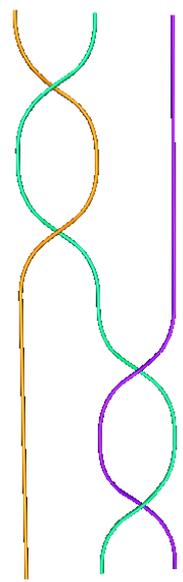
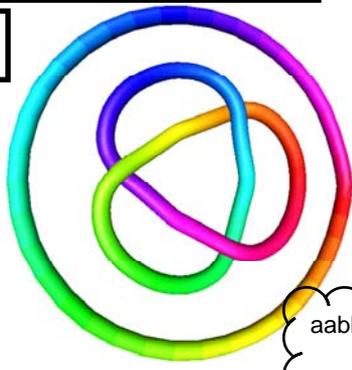


# Knotentheorie: Kann man die Zöpfe glatt kämmen?

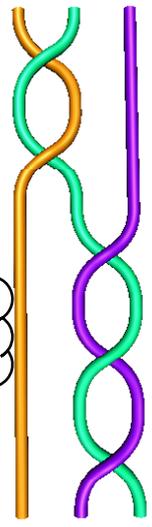
Haftendorn 2011  
www.mathematik-verstehen.de



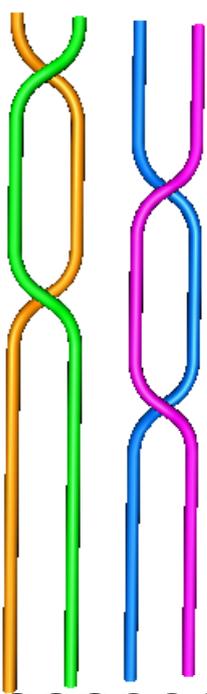
aabb



aabbb

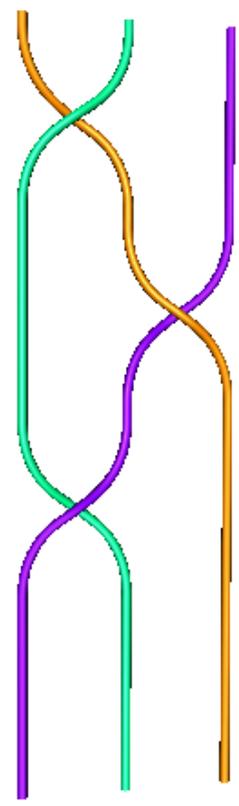


Verschlingung mit drei Unknoten



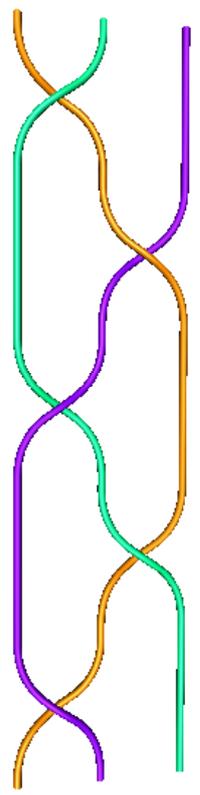
ac

AC



aBa

aBaBA



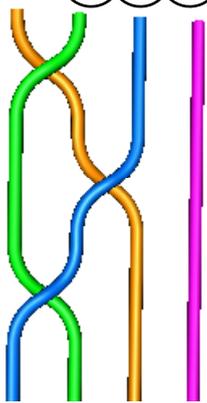
acAC = caAC = ceC = cC = e

ac=ca Fernkommutativität

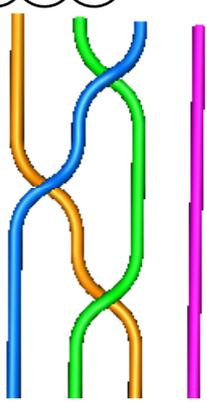
Verschlingung mit zwei Unknoten

aba = bab

Die Artin-Relation entspricht der 3. Reidemeisterbewegung



zopf.pdf und zopf-lo.pdf



BabaB=BbabB=eaе=a

