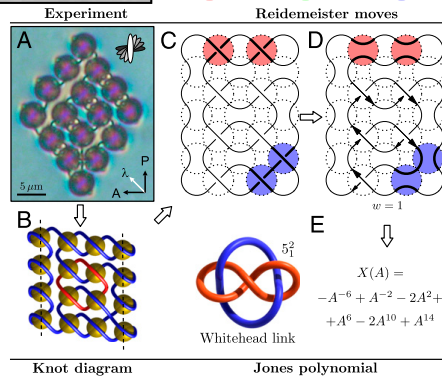
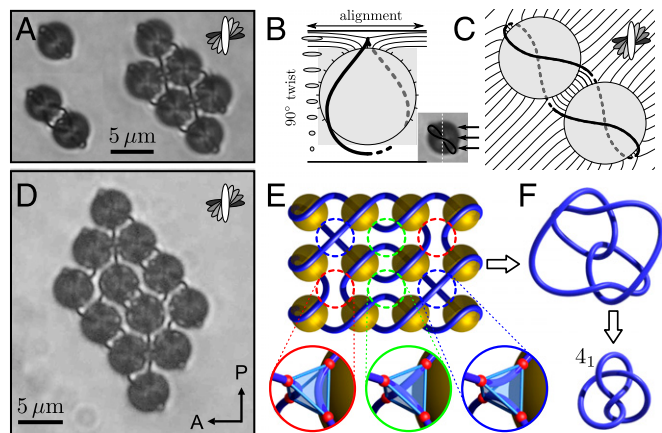
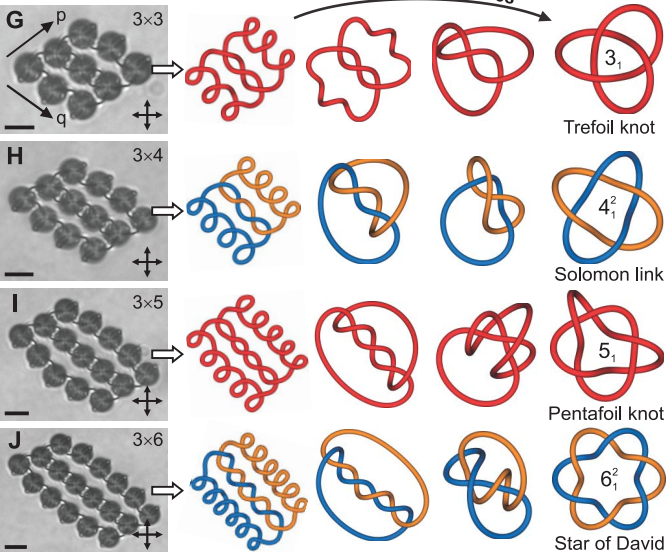


$p \times q$ particle array Knot projection Reidemeister moves Knot diagram



$$X(A) = -A^{-6} + A^{-2} - 2A^2 + A^6 - 2A^{10} + A^{14}$$