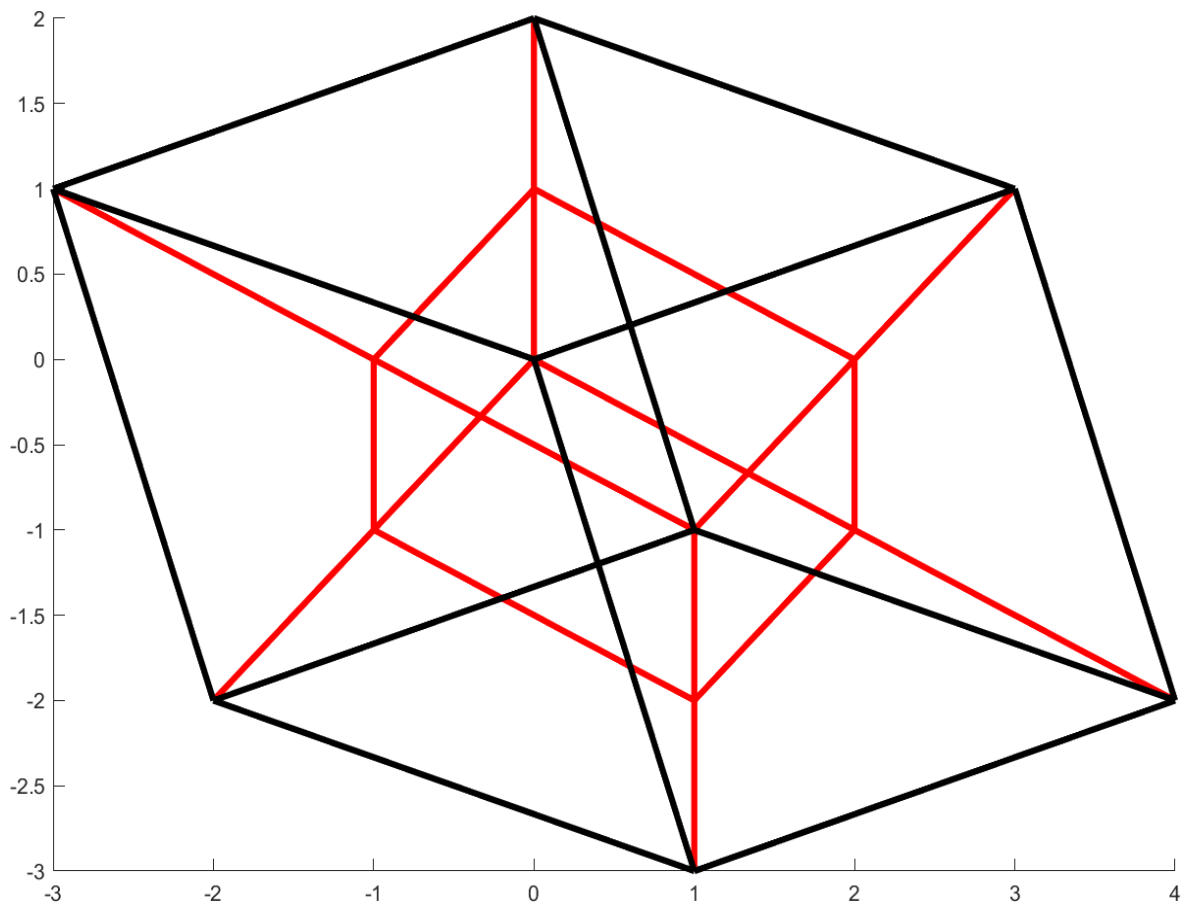# Transformational

A 3D 14-point lattice equation found as a dual to the AKP equation [1] turned out to be related, by a linear transformation of the independent variables, to the King-Schief equation which arose as a consequence of BKP [2], cf. [3].

A lattice on a lattice, a cube inside a cube, in our minds we change what is back to front.

[1] P.H. van der Kamp, G.R.W. Quispel, D.J. Zhang, Duality for discrete integrable systems II, J. Phys. A: Math. Theor. 51 (2018) 365202 (13pp).

[2] A.D. King, W.K. Schief, Bianchi hypercubes and a geometric unification of the Hirota and Miwa equations, Int. Math. Res. Not. 2015 (2015) 6842-6878.

[3] P.H. van der Kamp, D.J Zhang, G.R.W. Quispel, On the relation between the dual AKP equation and an equation by King and Schief, and its N-soliton solution, arXiv:1912.02299.