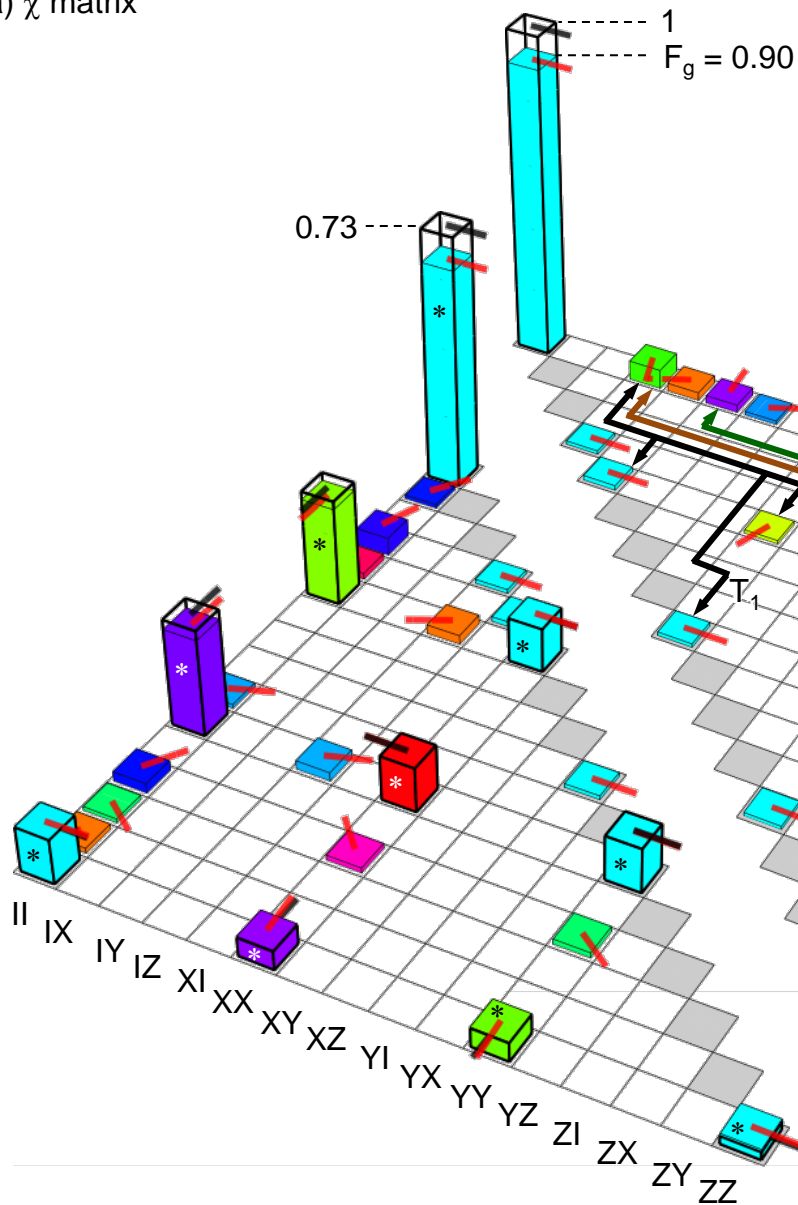


a) χ matrix



b) $\tilde{\chi}$ matrix

