A)

B)
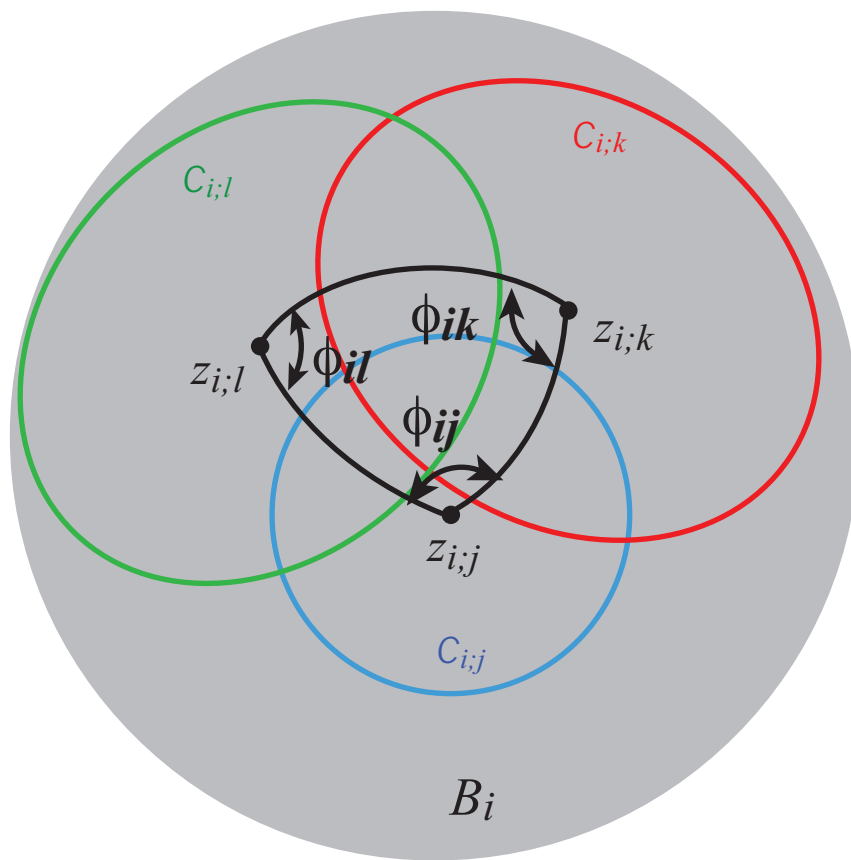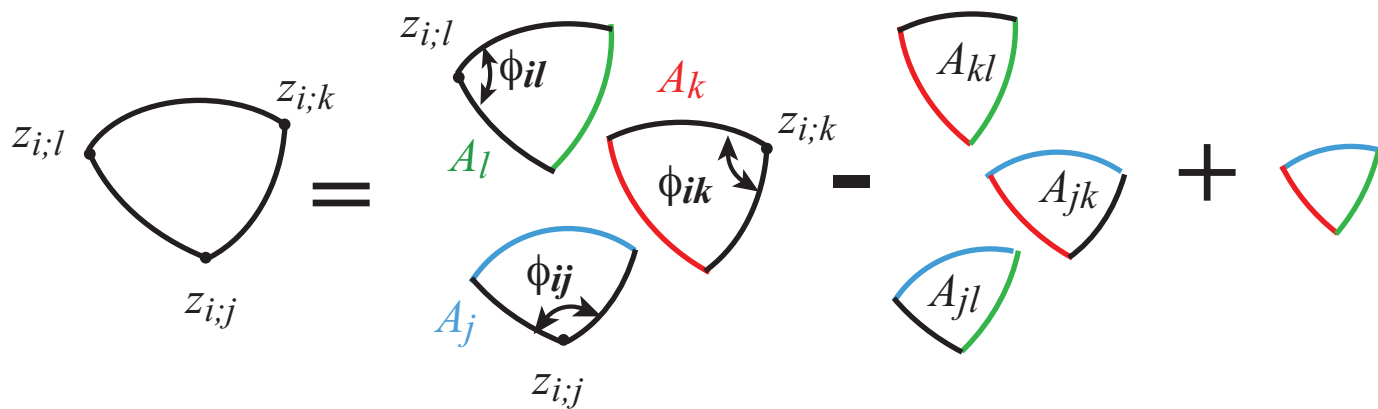

$$A_{tot} = (A_j + A_k + A_l) - (A_{jk} + A_{jl} + A_{kl}) + A_{i;jkl}$$