$$\sigma|_{(c1,c2,c3,\cdots)=(1,0,0,\cdots)}$$

$$\sum_{i,j=1}^{N} a_i a_j \sum_{i,j=1}^{N} a_i a_j$$
(1)

a b ab adsfds A sdaf adsfds A sdaf adsfds Asdaf eeeeeaaaadeeee eeeee deeee eeeee deeee eeeee deeee eeeee deeee eeeee deeee