Denote:

C – weight of one element

*We have:*

*, n > 0 and 0 < m < n*

Having considered  *,* we see thatFormula is proved by induction*.*

Having considered *(m = 1 , 2, 3, …) ,* we see that *and*

Having considered *,* we see thatFormula is proved by induction*.*

Similarly*:*

I would like to have the one general formula for , but within this test task, the relationship was not found, and for m > 5 I use common formula