$$\Big(\overbrace{1,2,\ldots,k_{1,1}}^{\text{1st block}},\overbrace{k_{1,1}+1,k_{1,1}+2,\ldots,k_{1,1}+k_{1,2}}^{\text{2nd block}},\ldots$$

$$\ldots\overbrace{(k_{1,1}+k_{1,2}+\cdots+k_{1,a_1-1})+1,(k_{1,1}+k_{1,2}+\cdots+k_{1,a_1-1})+2,\ldots,(k_{1,1}+k_{1,2}+\cdots+k_{1,a_1-1})+k_{1,a_1}}^{a_1\text{-th block}}\ldots$$

$$\ldots\overbrace{\sum_{i=1}^{n-1}\sum_{j=1}^{a_i}k_{i,j}+1\sum_{i}^{n-1}\sum_{j=1}^{a_i}k_{i,j}+2,\ldots,\sum_{i}^{n-1}\sum_{j=1}^{a_i}k_{i,j}+k_{n,1}}^{(a_1+a_2+\cdots+a_{n-1}+1)\text{-th block}},\ldots$$

$$\ldots,\overbrace{\sum_{i}^{n-1}\sum_{j=1}^{a_i}k_{i,j}+(k_{n,1}+\cdots+k_{n,(a_n-1)})+1,\sum_{i}^{n-1}\sum_{j=1}^{a_i}k_{i,j}+(k_{n,1}+\cdots+k_{n,(a_n-1)})+2,\ldots,\sum_{i}^{n}\sum_{j=1}^{a_i}k_{i,j}}^{(a_1+a_2+\cdots+a_{n-1}+a_n)\text{-th block}}\Big)$$