Diff blu notation win f(x) must f(x) and again f(x) arg max f(x)

A: 2 denotes minimum Value of f(x), whit to the Variable X minimize function f(x) over the variable χ and min f(x) denote value of " χ " for which f(x) attains minimum Value.

max from > Denote maximum value of f(x) wat to the racional x

maximize function f(x) eventue variable x

and max f(x) > Denote Value of "x" for which f(x)

attains maximum Value!

A:
$$\sum_{n=s}^{t} f(n) = \sum_{n=s+p}^{t+p} f(n-p)$$



Fach Point in (Stp to ttp) Storif-2, we are draging it Punits Wack to oqual Sum to Strip-1 Hence, $\sum_{n=s}^{E} f(n) = \sum_{n=s+p}^{E+p} f(n-p)$

Q: Prove
$$\sum_{i=0}^{m} \sum_{j=0}^{m} \alpha_{i,j} = \sum_{j=0}^{m} \sum_{i=0}^{m} \alpha_{i,j}$$

A: Let ais E A (Materix)

$$A = \begin{bmatrix} a_{00} & a_{01} \\ \vdots \end{bmatrix}$$

$$\frac{1}{i}$$
 $\frac{1}{i}$
 $\frac{1}$
 $\frac{1}{i}$
 $\frac{1}{i$

E E aij denote sum of sum of rows E E ac, j denote Sun of Sun of Columns on Some (tito) Sun of matrix elimants Scanned by CamScanner