

$$kp_{n-1} \sum_{i=1}^n \frac{p_i}{p_{n-1}} S_i \equiv M,$$

$kp_{n-1}$  sum from  $\{i=1\}$  to  $\{n\}$   $\{\{p_i\}$  over  $\{p_{n-1}\}\}$   $S_i\}$  equiv  $M$ ,