Vering of ovelne me poury 5 te n it /N is holefy the n with n in the substitute. Using , we know that with  $m_i = k : n + v : , k \in \mathbb{Z}$ .

Zavisa, de sharo mo, m, ..., m, to helyne is look cothutych, to v; vestre 2 deulem  $m_i$  prier  $n_i - pyjnje usysthis meslowe in uststis <math>Q_i|_{i=0}, n^{-1}$ .

Zorvasiny, se  $\sum_{i=0}^{n-1} v_i = \frac{Q_i + n^{-1}}{2} m_i n^{-1} = \frac{Q_i + n^{-1}}{2}$  (b. cica  $v_i$  to cica  $Q_i|_{i=0}, n^{-1}$ ).

Pohring, se sum  $m_0 + m_1 + ... + m_{n-1}$  jest probablish prier  $m_i m_i$ .

 $\frac{n-1}{2}m_{i}^{n} = \frac{n}{2}k_{i}^{n}n+v_{i}^{n} = n\frac{2}{1-0}k_{i}^{n}+\frac{n}{2}v_{i}^{n} = n\frac{2}{1-0}k_{i}+\frac{n}{2}k_{i}$ 

Zoten te sum jest padwelner pres 11.