(D) n=1

$$c'_{m+1} - c'_{m} + c'_{m-1} + \cdots + c'_{0} = m+1$$

(2)n=2

$$(m+1)(m+2)$$
 $(m+1)(m+2)$ $(m+1)(m+2)$

(3)
$$n=3$$

 $e_{m+3}=c_{m+2}+c_{m+1}+c_{m+1}+c_{m+2}+c_{m+1}+c_{m+2}+c_{m+2}+c_{m+3}+c_{m+2}+c_{m+3}+c$

(m+1)(m+2)(m+3)

$$\frac{(m+1)(m+2)(m+3)}{6} = \frac{(m+1)^2}{2} + \frac{m^2}{2} + \cdots + \frac{1}{2} + \frac{(m+1)}{2} + \frac{m}{2} + \cdots + \frac{1}{2}$$

$$\frac{1}{1^{2}} + \frac{1}{1^{2}} = \frac{(m+1)(m+2)(m+3)}{3} = \frac{(m+1)(m+2)}{2} = \frac{(m+1)(m+2)(2m+3)}{6}$$

$$1^{2} + - + m^{2} = \frac{m(m+1)(2m+1)}{6}$$

n,+-+nk=n

$$\frac{D-60}{(1+...+1)^{2}}$$
 $= \kappa^{n} = \sum_{k=1}^{\infty} p(n_{k}-n_{k})$