1) a | D-TO Ec=c

NOLOMERAN
$$\xi$$
 - anymatinear beautimena, notopax = c,

Torga eganetbennoù meneniapnoù uevoz: $a = c$, $P(\xi = c) = 1$

Zanamena Ec repez anpezenenne: $Ec = c \cdot P(\xi = c) = 1c = c$

gomenzam, r_{TO} Ec = c E_{ξ}

Zanamena, r_{COM} palmo $E_{C\xi}$ repez enpezenene E :

 $E_{C\xi} = \sum cai P(\xi_i = a_i) = c \sum ai P(\xi_i = a_i) = c \sum ai p_i = c E_{\xi}$

b) D -TO $E(\xi + v) = E_{\xi} + E_{v}$
 $E(\xi_i + v) = \sum (x_a + y_b) P(\xi_i = x_a, v = y_b) =$

$$= \sum_{a} \kappa_{a} \sum_{b} P(3 = \kappa_{a}, V = y_{b}) + \sum_{b} y_{b} \sum_{a} P(5 = \kappa_{a}, V = y_{b}) = \sum_{a} \kappa_{a} P(5 = \kappa_{a}, V = y_{b}) = \sum_{a} \kappa_{a} P(5 = \kappa_{a}, V = y_{b}) = \sum_{b} \kappa_{a} P(5 = \kappa_{a}, V = y_{b}) = \sum_{b} \kappa_{a} P(5 = \kappa_{a}, V = y_{b}) = \sum_{b} \kappa_{a} P(5 = \kappa_{a}, V = y_{b}) = \sum_{b} \kappa_{a} P(5 = \kappa_{a}, V = y_{b}) = \sum_{b} \kappa_{a} P(5 = \kappa_{a}, V = y_{b}) = \sum_{b} \kappa_{b} P(V = y_{b}) = \sum_{b} \kappa_{b} P($$