A :

Bereni bernop morcero regendount l'buge:

$$x = P_{\kappa} x + P_{\kappa \perp} x$$
 ( $I = P_{\kappa} + P_{\kappa^{\perp}}$ )

(K-zacherymoe nogry-bo ry-ba X) (K-ero oppnorati. gondrience)

$$(P_{\kappa}x,y) = (P_{\kappa}x, P_{\kappa}y + P_{\kappa}y) = (P_{\kappa}x, P_{\kappa}y) = (P_{\kappa}x, P_{\kappa}y) = (P_{\kappa}x + P_{\kappa}x, P_{\kappa}y) = (C, P_{\kappa}y)$$

M.e. 
$$(P_K x, y) = (x, P_K y) = > P$$
-currienpinierin onepanop

Har ujbernus, gur cumunymuns oneparnopa crypobeguilo

$$P = P^T$$