Εξόρυξη Δεδομένων

Τρίτη Σειρά Ασκήσεων

Ευάγγελος Τζώρτζης AM: 3088 ETOPUTU DESOPIENOV/TOTCH ZEIPG ADMOUN/ ELGISTELOS TJUPETOS / AM:3088 Epistron 2 1PT = (1-a)PT.P + avT => PT = (1-a).PT.P = avT => PT (I - (1-a).P) = a.vT => $P_{v}^{T} \cdot (I - (1 - \alpha)P) \cdot (I - (1 - \alpha)P)^{-1} = \alpha \cdot v^{T} \cdot (I - (1 - \alpha) \cdot P)^{-1} \Rightarrow P_{v}^{T} = \alpha \cdot v^{T} \cdot (I - (1 - \alpha) \cdot P)^{-1}$ Pr=v.Q = a.v. (I-(1-a).P) => (V). v. Q = a.v. (I-(1-a).P) => 2. P=vtQ = vta (I-(1-a).P)^1 ·OI opaphés tou Q petagoinour to diarropa VT pe boiog tor nivaka P, kalos kai tur niburatura alfatos Enave KKIMONS a. 3. $P_{u} = V_{u} \cdot Q = [1/n, 1/n, ..., 1/n] \cdot Q = \frac{1}{n} [1, 1, 1, 1..., 1] \cdot Q = \frac{1}{n} [1, 1, 1, 1..., 1] \cdot Q = \frac{1}{n} [1, 0, 0, ..., 0] + [0, 0, ..., 1] \cdot Q = \frac{1}{n} [1, 0, 0, ..., 0] + [0, 0, ..., 1] \cdot Q = \frac{1}{n} [1, 0, 0, ..., 0] + [0, 0, ..., 1] \cdot Q = \frac{1}{n} [1, 0, 0, ..., 0] + [0, 0, ..., 0] + [0, 0, ..., 1] \cdot Q = \frac{1}{n} [1, 0, 0, ..., 0] + [0, 0, ..., 0] + [0, 0, ..., 1] \cdot Q = \frac{1}{n} [1, 0, 0, ..., 0] + [0, 0, ..., 0] + [0, 0, ..., 1] \cdot Q = \frac{1}{n} [1, 0, 0, ..., 0] + [0, 0, .$ $= \frac{1}{m} \sum_{i=1}^{n} V_{i}^{T} \cdot Q = \frac{1}{n} \sum_{i=1}^{n} \rho_{i}$ 4. Da xphothonomba Evas rivaras Da in hetarporm wo diavionares tanoias Katavopiis 0% opioiopopy tatavopii. · Eorus Siavropia tànoias tatarofis berità VT tai Siavrofia ofibiopopys tatarofis VI. Xprish nivata A ma herarpormi con VT or VI. $V^{T} = A \cdot V_{u}^{T} \bigcirc \Rightarrow V^{T} \cdot (V_{u}^{T})^{-1} = A \cdot V_{u}^{T} \cdot (V_{u}^{T})^{-1} \Rightarrow A = V^{T} \cdot (V_{u}^{T})^{-1} \bigcirc 2$ $(A - 1 V^T = A^{-1} A V_u^T \Rightarrow) V_u^T = A^{-1} V^T B$ · Mpuita prow rus @ chalogijeral o A (tal orvanius tal o A1) · Yorka hion zon zinon Pu= Vu·Q = AtV·Q = + 2 Pi (ani sputapa3)

Apa to Pr exporteral ws 4 2 Pe , pe to Scatopa ott mean a hetarpoin to or Vi from

Tou airqua A