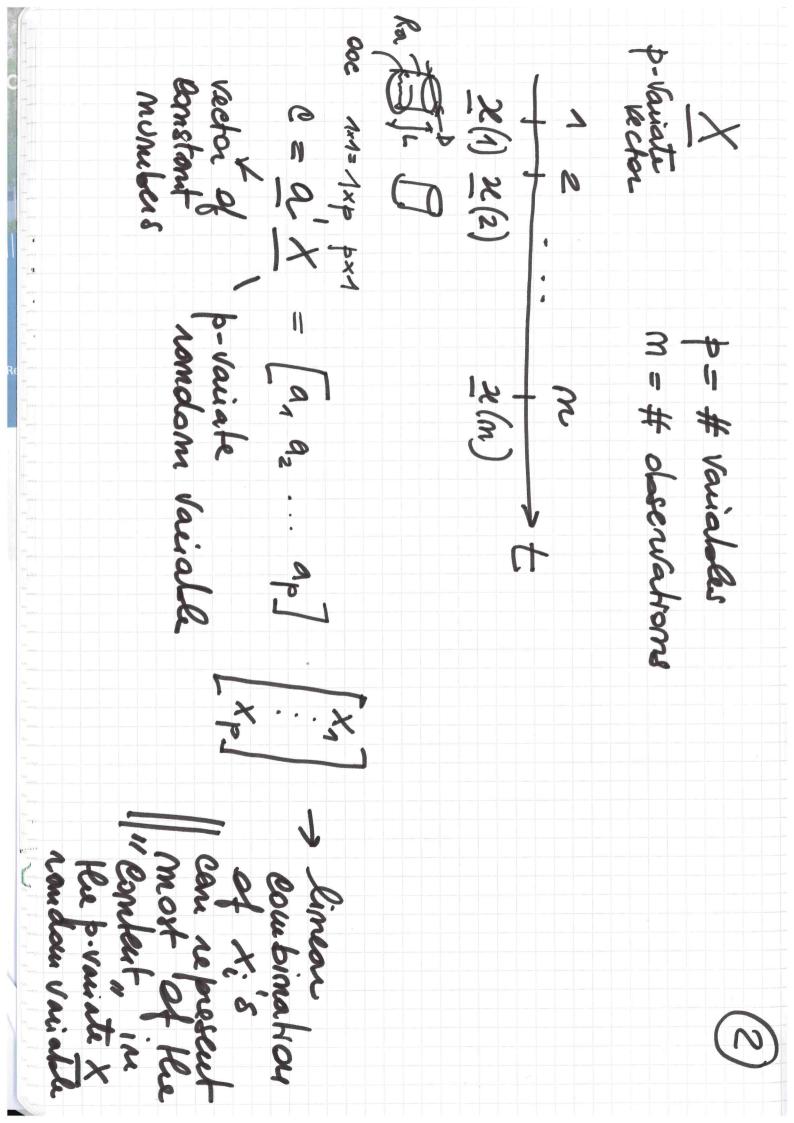
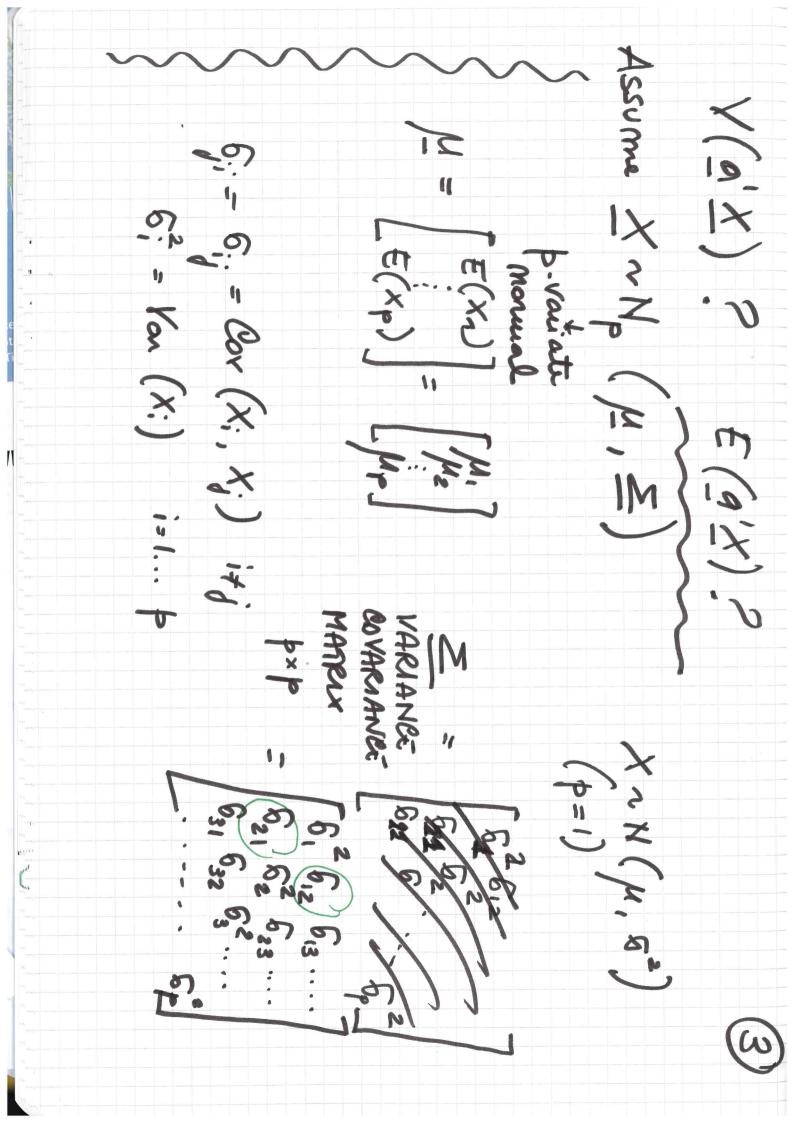
IX of the states of the state o Quality of leis PiN depends son 5000 COHPONEN - ANALYSIS





$$(\overline{A}\overline{B}) = \overline{B}(\overline{a}, \overline{X}) = \overline{a}, \overline{E}(\overline{a}, \overline{X}) = \overline{a}, \overline{E}(\overline{a}, \overline{X})$$

$$= \overline{E}(\overline{a}, (\overline{X} - \overline{n})(\overline{X} - \overline{n}), \overline{a}, \overline{A}) = \overline{a}, \overline{E}(\overline{X} - \overline{n})(\overline{X} - \overline{n})$$

$$= \overline{E}(\overline{a}, (\overline{X} - \overline{n})(\overline{X} - \overline{n}), \overline{a}, \overline{A}) = \overline{a}, \overline{E}(\overline{X}, \overline{N})$$

$$= \overline{E}(\overline{a}, \overline{X} - \overline{a}, \overline{E}(\overline{X}), \overline{a}, \overline{X} - \overline{a}, \overline{E}(\overline{X}))$$

$$= \overline{E}(\overline{a}, \overline{X} - \overline{a}, \overline{E}(\overline{X}), \overline{a}, \overline{X} - \overline{a}, \overline{E}(\overline{X}))$$

$$= \overline{E}(\overline{a}, \overline{X} - \overline{a}, \overline{E}(\overline{X}), \overline{a}, \overline{X} - \overline{a}, \overline{E}(\overline{X}))$$

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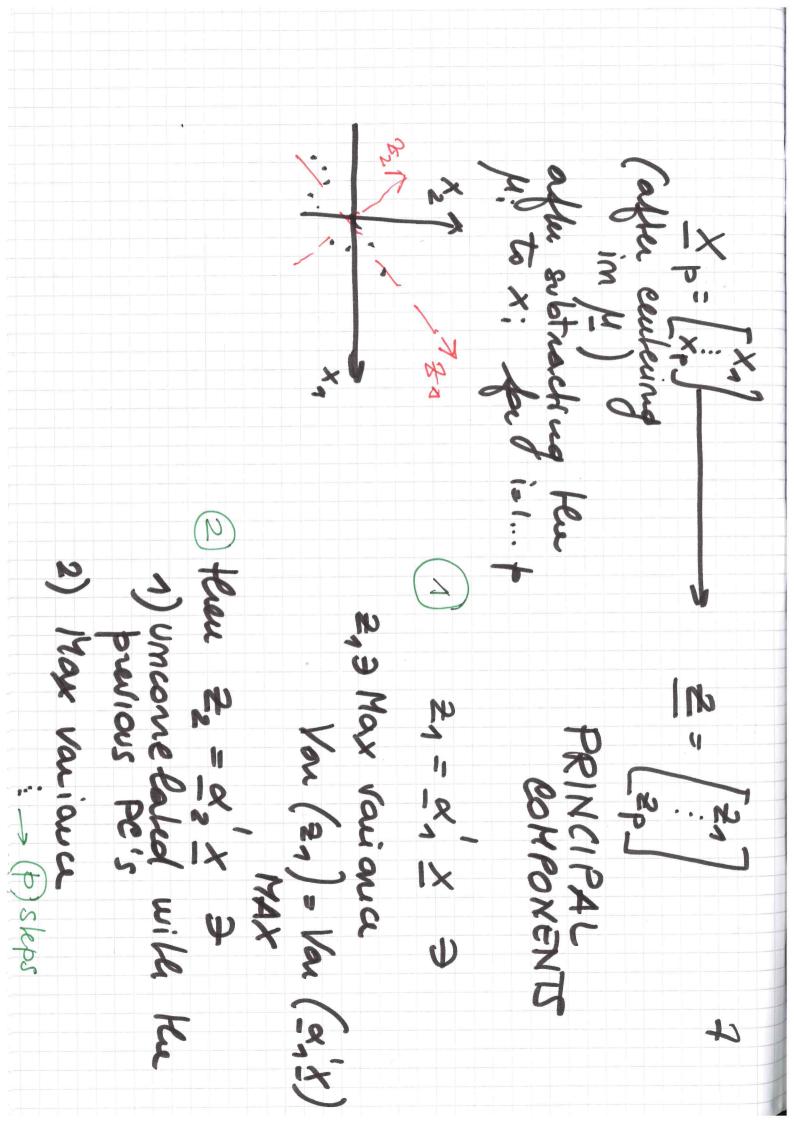
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$$= \overline{E}(\overline{a}, \overline{X}) = \overline{a}, \overline{E$$

What linear coulonnation? to "reference", most 7 let 8 And Peu Ameri Courterwood et flat can represent Courter of the Jain Warlty Observed in heis 12 14 14 15 15 15

x | x = x = p + 8, x, X=80+81X1 MIN SSE 270 N X MIN SUM of Sylvania Solvania S >x, E(X)=0



8) 1st Re Lagrenge multiplier mox Kar(2,1) - 1 (2,2,1) £ 8 10 1M 2 2 2 2 2 2 2 2 2 : EIGENVECTOR of E IN THE PRINCE Y wax Van (27) = max Van (27x) 12 1 1 1 0

Second Re Trust PRINGPAL You (2) = Vou (2) (2) (3) (9) component is defined by the eigenvector which which is the max after 4 N N 12 1 X 1 12 12 EIGEN VEGOR 2 IM CORCET! CORRESPONDING ELCANA NA

data observed VARIABLES PO'S Realizations of COADINGS 1 ANAGES80