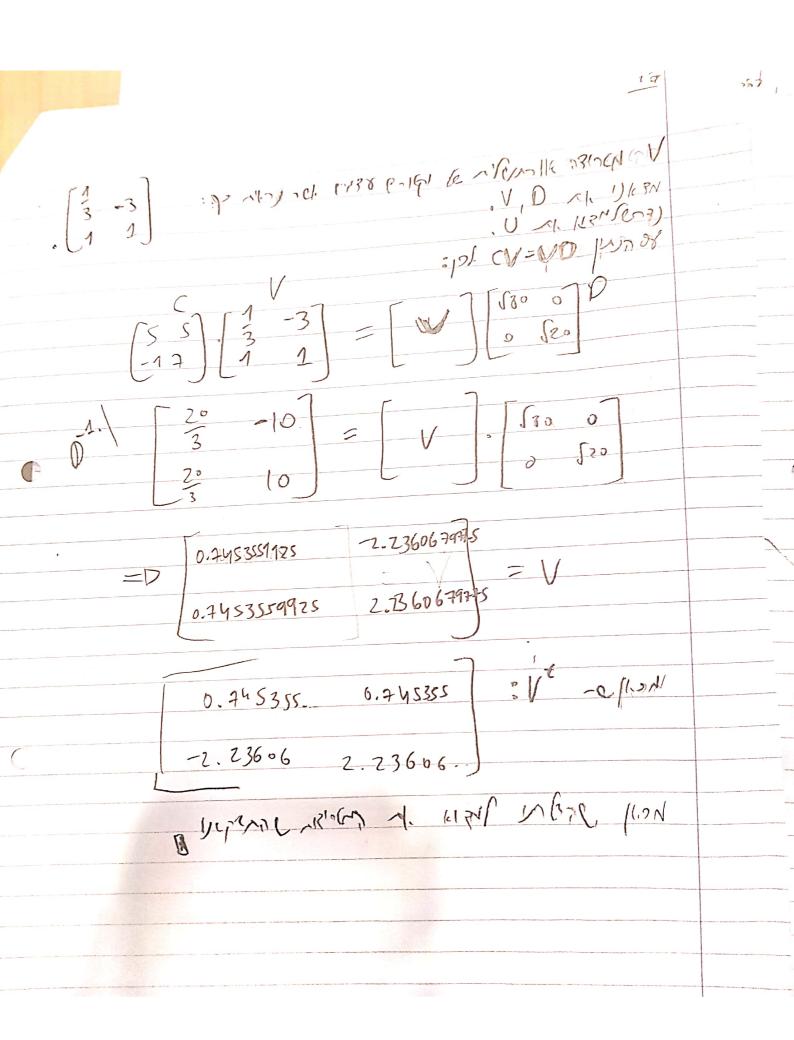
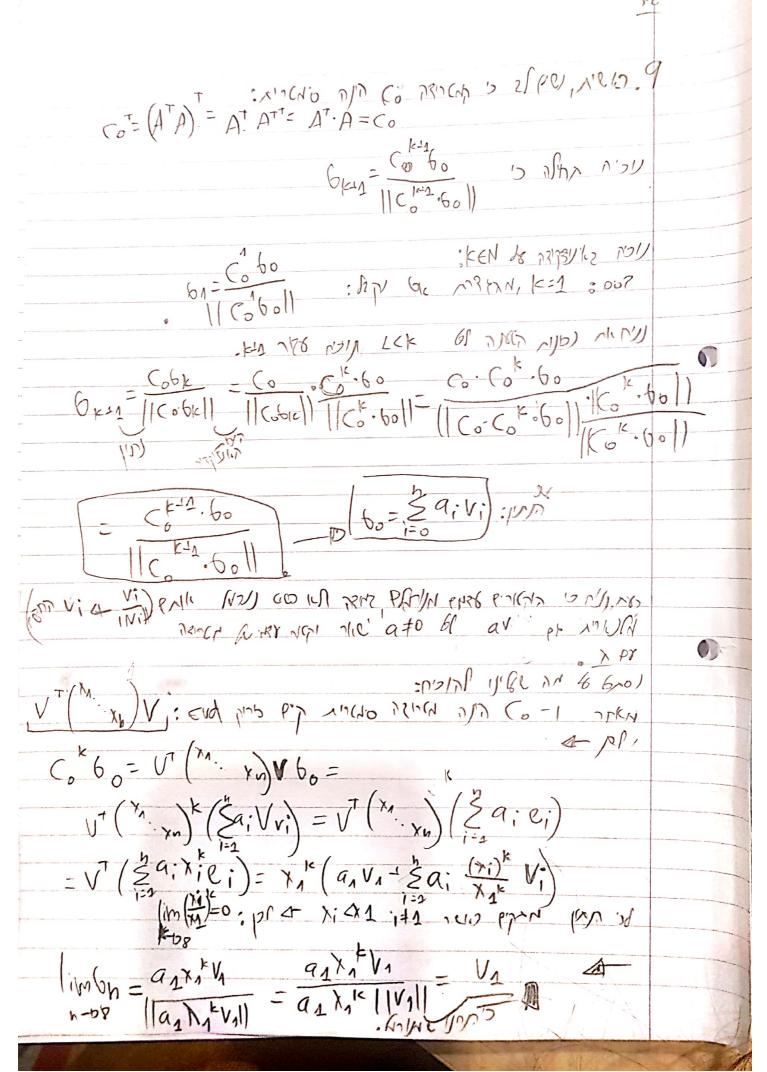
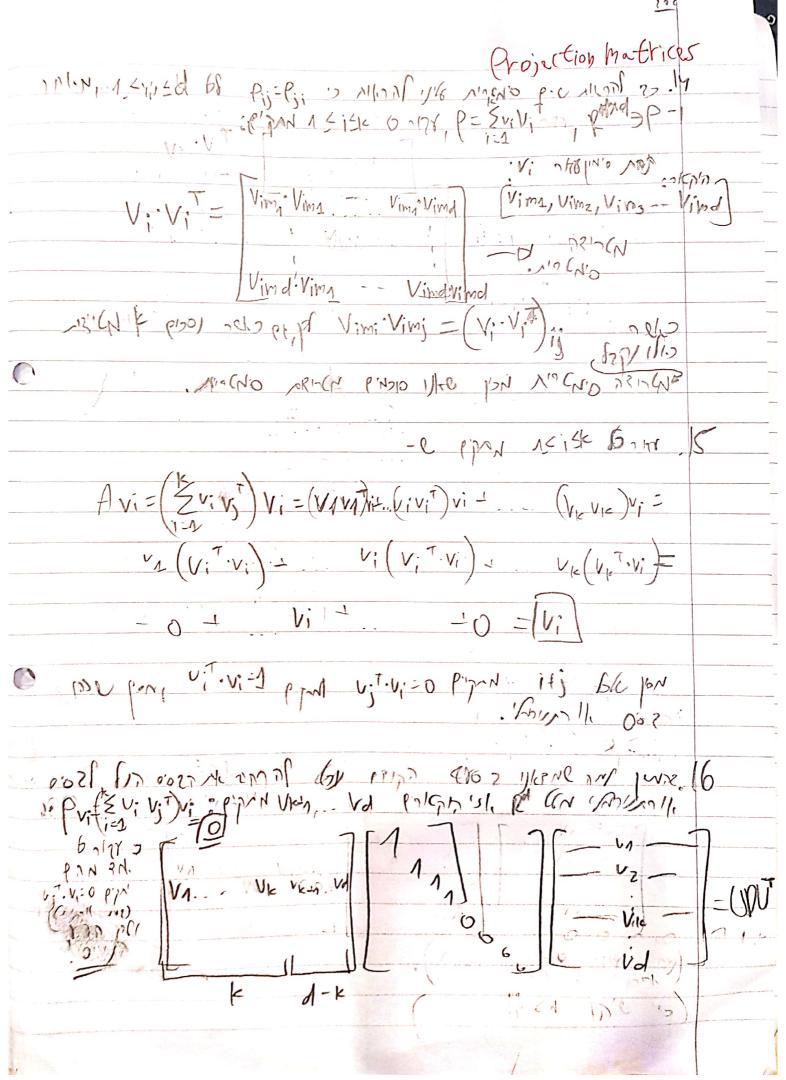
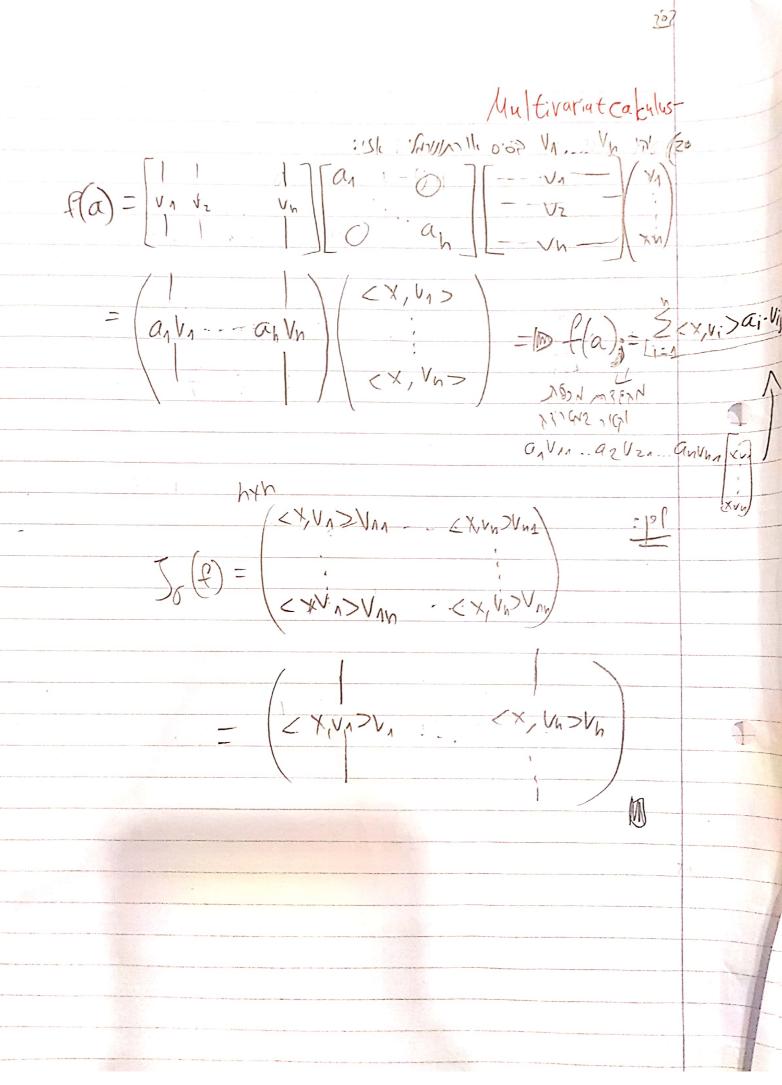
3/3308140 /01/17 11 1 /mr IML Warm-up-Algebra Recapt = 20.60 = (0,-1,1,2)& V= (12,3,4) 216/2 NO NO 2010 B W=0+1+1+4=6 ∠ V·W> = [1 234]·[2] -0=Z-3-8=9 $\frac{Q}{23}$ $\frac{Q}{4}$ $\frac{G}{9}$ $W = \frac{2}{3}W : |U| = |U| =$: N= (1,0,1,-1) 6 17 V ft 7/67 de 100 200. 4 W=1-0+1-1=3 ∠6. W>= 1234. [9] = 1+0+3-4=0 0 4 - 1/2 Jah 1/2 O.M = 0 = 12/2 $C^{\frac{1}{5}}C = \begin{bmatrix} 5-1 \\ 5 2 \end{bmatrix} \cdot \begin{bmatrix} 5 5 \\ -1 2 \end{bmatrix} = \begin{bmatrix} 26 & 18 \\ 18 & 24 \end{bmatrix}$ (18/) 18/2 in such in 18/2 36 Care in Light 6-25 of 19/6 6.3

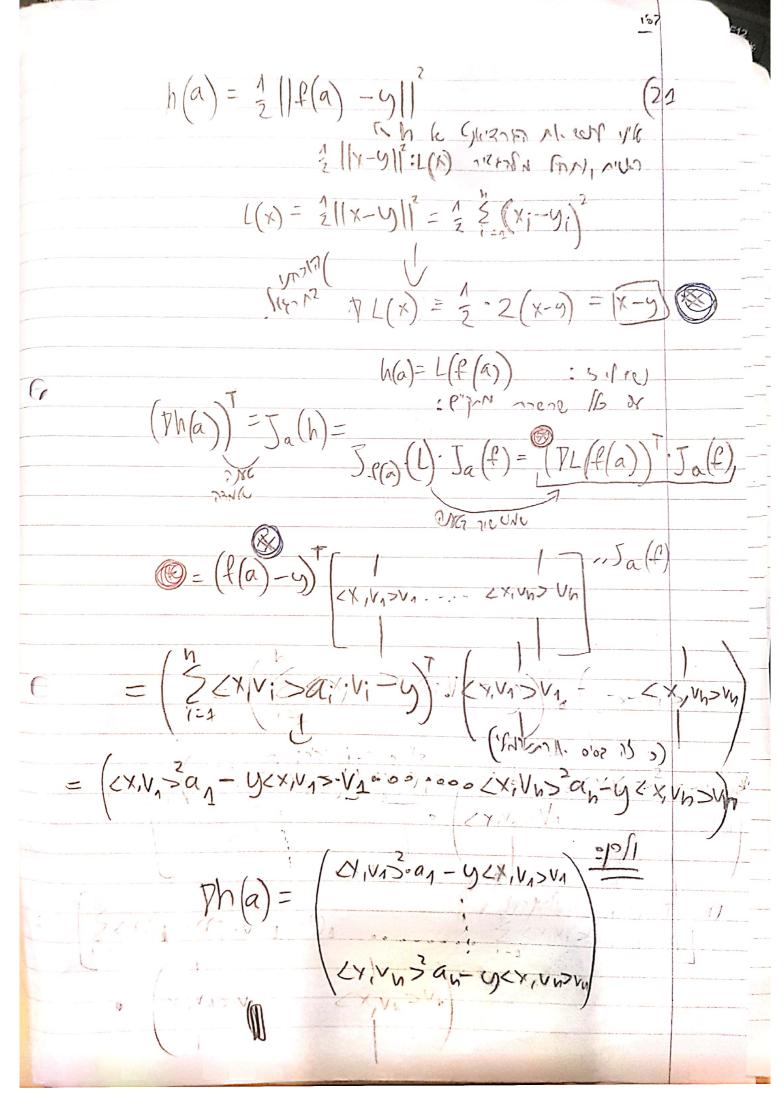


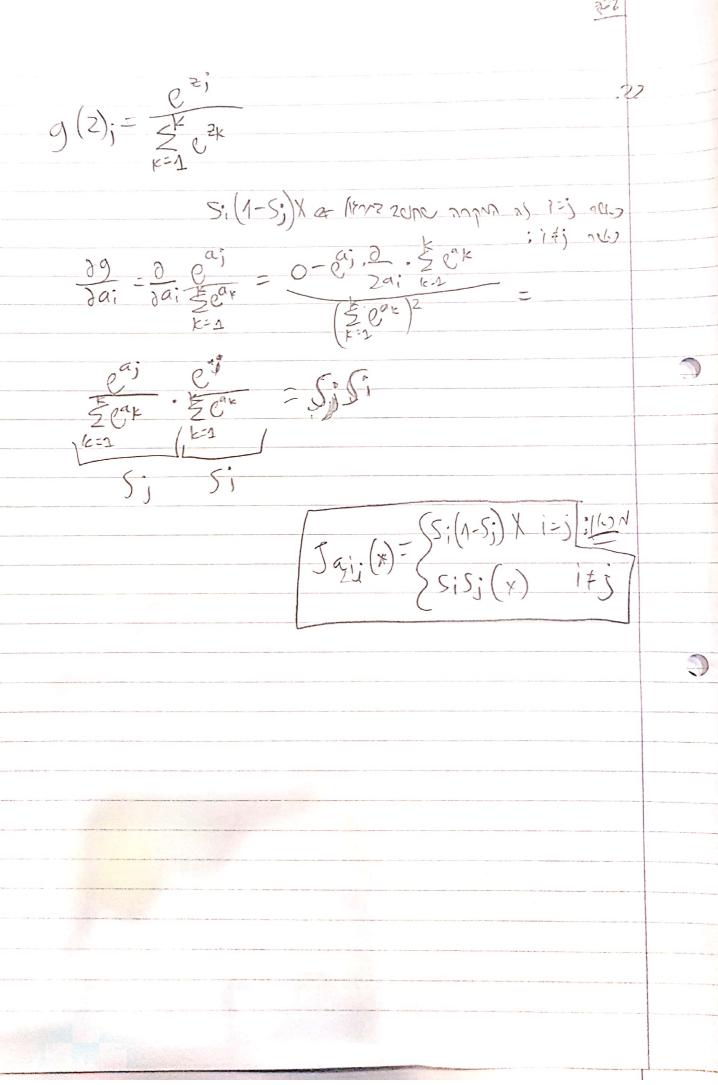




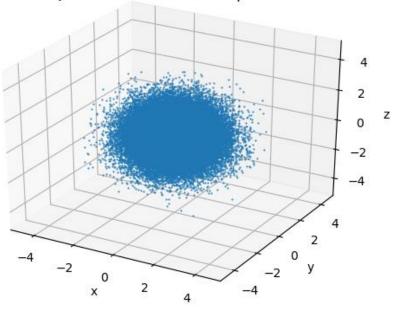
Pt=P Ppon pt micho 22-1/2 2/2N > Mala 14 Mar P2=P-P-PT. P-P-PT : 5 App pt P2=P '5 NOTAL WAY P= (\$V_1V_1) (\$V_1V_1) = (V_1V_1^T + ... - V_kV_k) (V_1V_1^T + ... - V_kV_k) = \(\(\sqrt{\sq}}\sqrt{\sint{\sqrt{\sq}\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sq}}}\sqrt{\sint{\sint{\sint}}}\signt{\sint}\sign}\signt{\sint}\sign}\signt{\sign}}\signt{\sign} Z V; V; V; V; T = Z V; V; T = P V: V:= 0 ; 7; /of : 1/0/211. 002 8/71 102 | ViT. Vi=1, 40/7 1p) . P(X)=X a- XEV 19 Px = (\$Vivi) (anu. -19 = Vic) = 1= & (V; V; 19, V; 1 ... V; V; Ta; V; + - V; V; Ta, V) = \(\langle \langle \alpha_1 \vi\i\tau_1 \rangle \langle \vi\i\tau_2 \vi\i\tau_1 \rangle \vi\i\tau_2 \vi\i\tau_2 \vi\i\tau_1 \vi\i\tau_2 \vi\i\tau_2 \vi\i\tau_2 \vi\i\tau_1 \vi\i\tau_2 \vi\i\tau_1 \vi\i\tau_2 = \$ 9; V; = X



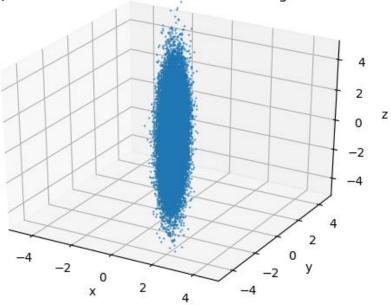




Q23: Generation random points

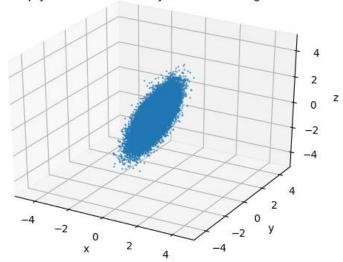


Q24:Transform the data with the scaling matrix



- מטריצת השונות

Q25:Multiply the scaled data by random orthogonal matrix



– מטריצת שונות

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if _name_=="_ma

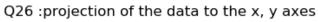
Run: 3d_gausian ×

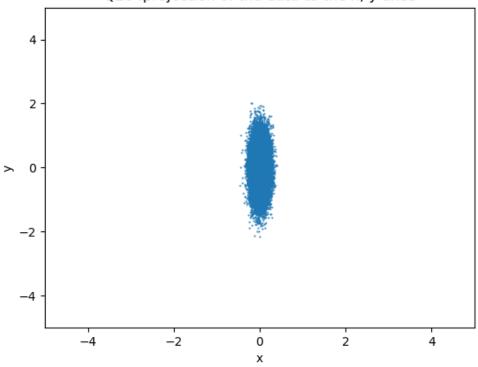
C:\Users\Linoy\PycharmProjects\untitled\venv\Sc

[[ 1.76667028 -0.31539387 -1.94606182]

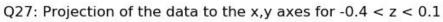
[-0.31539387 0.31007913 0.35079315]

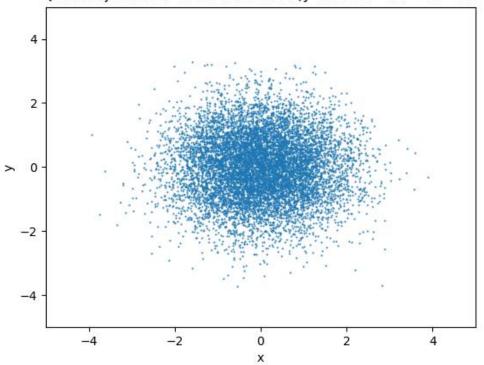
[-1.94606182 0.35079315 2.16604223]]
```





(27



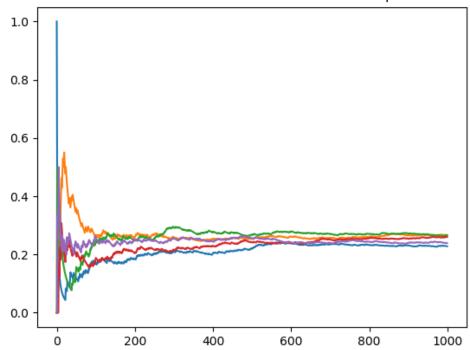


. בדף נפרד(28

(29

(A

29a: estimation of Xm as a function of m for the first 5 sequences of 1000 to:



B)

