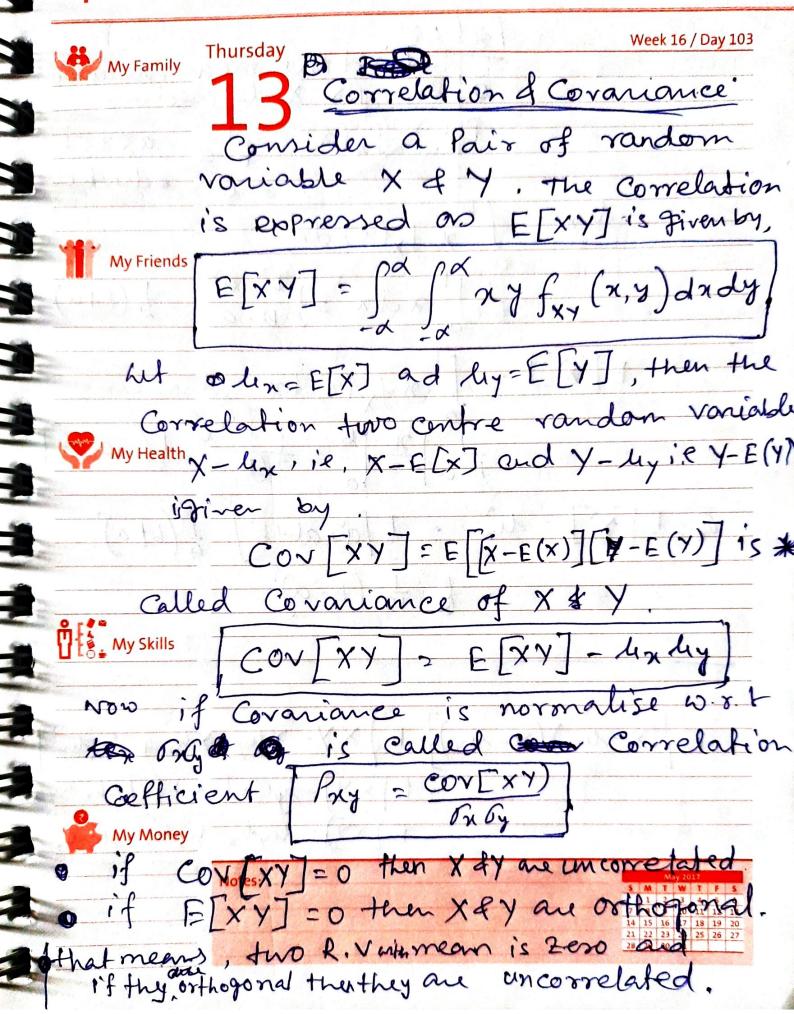


2017 [disperssion from the mean value. Week 16 / Day 100 Variance: It is also Called 2nd moment of RV. denodeds ? E $\int_{x^2} E\left[\left(x-\mu\right)^2\right] = \int_{-\infty}^{\infty} \left(x-\mu\right)^2 f_x(x) dx$ Ay Friends The Square root of variance, standard deviation of RV. $G_n^2 \int_{-\infty}^{\infty} (n-u)^2 f_{\chi}(n) dx$ fx(n)dn-2ddfafx(n)dn+infx(n)dx I fx(n)dx-2ddlu+lu-Variance Connot be My Money



April We have 3 Red balls and 5 b Tuesday balls. It select 3 rol balls from it. Calculate mean, variance & standard deviation for red ball to get selected. Possible outcome: -> 0 -> no red best1. 000 My Friends 1 - 1 red ball & 2 ballan Stue 2 -> 2 11/4 71 088 888 here ranform variable X -> Pick 3 ball to get red ball. My Skills 5 0 xi P(xi)= 1.125 = 0.502 2 (x;-4) Pi P(m) V0.502 = 0.709 My Money O

Notes:

May 2017

mean 1 2 3 4 5 6

1 2 3 4 5 6

1 2 3 4 5 6

1 2 2 2 2 3 4 2 9 2 2 7

1 2 2 2 2 3 4 2 9 2 7

