

a.) x : Reignfulle

Xx): Wahrscheinlichhuisheling

Count: flow= fle) for 0 = x = L

Cegebon: Phin 2 = o Jain (**)

n=0 => 1(0)= 8.1(42) (x)

Adgram zweiten Grady: flat = and + bn + c

(**) flm) = 2an +b

Theimum bei = = 1(=)-0

=> &a. \(\frac{1}{2} + \b = 0

 $\Rightarrow b = -\omega^2 \qquad (2)$

(xxx) flas mahrschin Whatsbelow = 5 tasda=1

=> $\int_{0}^{1} (an^{2}+bn+c) dn = \int_{0}^{1} an^{2} + \int_{0}^{1} bn^{2} cn \int_{0}^{1} = 1$ => $\int_{0}^{1} (an^{2}+bn+c) dn = \int_{0}^{1} an^{2} + \int_{0}^{1} bn^{2} cn \int_{0}^{1} = 1$