b) fx (n) = fa (g-'(n)) (g-'(n))

u Cotto; &] Ains fu (u) = 1-0 11 to; &] purque c'ot un la uniforme de poramita b= 1, a=0

Julu = 11 [0,1]

Par le nouveau domaine: $0 \le g^{-1}(n) \le 1$ $0 \le e^{-\frac{n}{2}} \le 1$

lu (ln(1) < 2 < ln(+10) 0 6 1 6+00

idem à 0 4 n 4+0

Scil n & [0; + 00[

Pacta 3

0'ou (g-1(n)) = - 1 e-1/2

Done fx (n) = 1/20113 (u) x -1 e-1/2 fre [0; + = [

2/a) \$1: a = TR (00 (2TV) \$2: b= TR sin (2TV)

1 (271v) - V2×27 × sin (271v) J14(a,b) - Of Of Ofe Ofe 1 84 (2NV) + (XX 217 COO (2NV)