Girsanov 练习题
2022年7月20日 19:01
1. 1/2 / 12.710· 1 2.70~··· 1/2 ert/ 1/2 / 1/2 / 7/2 / 1/2 / 2/2 / 1/2 / 2/2
(5 th N(2) > P(2710)
470
$\frac{1}{2} = \frac{1}{2} = \frac{1}$
7 22
S V7L-10
Girsanov to rescue!
$P(Zedz) = e^{az-\frac{a^2}{2}}$ $N(a,1) = N(o,1)$
N(a,1) (N(0,1))
10 a=10
AP(Z>10) = 1/2
$\frac{a^2}{a^2}$
$ \frac{1}{P} \left(\frac{\partial}{\partial z} \right) = e^{-az} + \frac{a^2}{P} \left(\frac{\partial}{\partial z} \right) $
$\overline{D} = (1 - 2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 + 2$
RM # (127a) = # (e-a2+a2 127a)
清賞, そ~N(a,1)= [+7, }~N(o,1) under ア ([[1] =] = [(e^{-a(Y+a) + e^{-a})} 1 (Y+a) a) = e] [(e^{-a}) 1 (Y>o).
F (1/270) + F (0-al Y+a) + 9/2 1
$= \frac{1}{4} \left(\frac{1}{4} \right)^{\frac{1}{4}}$
T 120 1.

