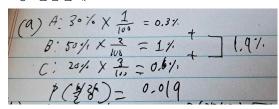
[24-2수통] 1차 과제물 (교재 1장, 3장)

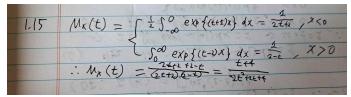
이름 : 심순용

학번 : 2021240737 소속 : 경영학과

1장 연습문제 :



```
1.9 (A) PMF 4471 4: 48: (\sum_{i=1}^{n} (x_{i}^{2})^{2} = 1 \cdot (x_{i}^{2} + x_{i}^{2})^{2} = 1 \cdot (x_{i}^{2} +
```



3장 연습문제 :

3.8
$$W_1 \sim Geo(P) \cdot W_r \sim Negbir(r,P)$$
 $E(W_1) = \frac{1}{p}$
 $V(W_1) = \frac{1-P}{p^2}$
 $V(W_r) = r(I-P)/p^2$

$$Cov(W_1, W_r) = E(W_1W_2) - E(W_1)E(W_r)$$
 $E(W_1^2) = \frac{2}{p^2}$
 $e^{-1} \times P^{-1}$
 $e^{-1} \times P^{-1}$