

```
In [3]:  
# 연습문제 7 / 예제(6.14), p205  
from scipy.stats import chi2
```

```
sample = [1.9, 2.4, 3.0, 3.5, 4.2]  
n = len(sample)  
mu = 3  
sigma = 1
```

```
x2 = sum(((x - mu) / sigma) ** 2 for x in sample)  
p = 1 - chi2.cdf(x2, df=n-1)
```

```
print(f'x^2의 값 : {round((x2), 3)}')  
print(f'P(X^2 > X(0)^2) : {round((p), 3)}')
```

```
x^2의 값 : 3.26
```

```
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