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

P(X^2 > X(0)^2) : 0.515

Loading [MathJax]/jax/output/CommonHTML/fonts/TeX/fontdata.js