老師出的習題

$$S = \sqrt{\frac{2(\sqrt{3}-\sqrt{3})^{2}}{h-1}} = \sqrt{\frac{2(\sqrt{3}-\sqrt{3})^{2}}{h-1}}$$

$$= \sqrt{\frac{2(\sqrt{3}+\sqrt{3})^{2}}{5}}$$

$$= \sqrt{\frac{1}{2}} \frac{3\delta}{\delta} = \frac{1}{2}, 22$$

$$(-1) \frac{1}{2} \frac{2}{8} \frac{1}{16} \frac{1}{16} \frac{1}{8}, 3, 22$$

$$(-2) \frac{1}{1-\alpha} \frac{1}{2} \frac{1}{16} \frac{1}{16} \frac{1}{16} \frac{1}{16} \frac{1}{16} \frac{1}{16} \frac{1}{16}$$

$$= \sqrt{\frac{2}{2}} \frac{(n-1)}{2} - \sqrt{\frac{2}{6}} \frac{1}{16} \frac{1}{16} \frac{1}{16} \frac{1}{16} \frac{1}{16} \frac{1}{16}$$

$$= \sqrt{\frac{2}{3}} \frac{(n-1)}{2} - \sqrt{\frac{2}{6}} \frac{1}{16} \frac{1}{16$$

助教出的習題

```
3, n=10, x=13,63, S=6,05, n-1=9, 1-x=0,98, 2=0,01
   7 \pm t_{\frac{3}{2}}(n-1)\frac{s}{\sqrt{n}} = 13,63 \pm t_{0,01}(9) \frac{6,05}{\sqrt{10}}
   = 13,63 IZ,821 × 1,91
  =13,43 = 5,39 = (8,24,19,02)
4, n=1200, p=0,33, 1-0=0,98
   = 0.33 \pm 2.321 \times \sqrt{\frac{0.33 \times 0.61}{1200}} = 0.33 \pm 0.3
   = (0,30,0,36)
  (2) n=820, x=650, p= 650 = 0.79
     1-0=0195, 0x =01025
     0,79 + 1,96 × 10,79 × 0,21
    =0,19±1,96×0,014
    =0,19 I0,03
   =(0.16,0182)
 14, " n=15, \overline{x}=1.73, S=0.8, 1-\alpha=0.95, t \not \leq (n-1) = t_{0.0} z + (14) = 2.145
1.73 t t_{0.025} (14) \frac{6.8}{\sqrt{15}} = 1.73 \pm 2.145 \frac{0.8}{\sqrt{15}}
  =1,13 + 0,44
  = (1, 29, 2117)
12/1,73tt0,10 (14) 0,8
   =1,73 = 1,345 0,8
   =1,13 = 0,28
    =(1145, 2,01)
```