Bien dreim B+6

Bai 1.1 -> 5 d

Bai 1.2 -> 5 d

Bai tap 6:

Bai 1.1, Go; So ca' frong he la N. - ty le, ca' bi tank dan la $p = \frac{2000}{N}$.

Mais di lièrs: but 400 con, la 53 con co dais

=) $f = \frac{53}{400}$. kich thước mân: n = 400

khoang voi ledong voi to fin cay 8=0,95 chop la:

f-UBIN SPSf+UBIN

 $\sigma = \sqrt{f(1-f)} = 0.0158$

$$= \frac{53}{400} - \frac{0.0158}{400} \le p \le \frac{53}{400} + \frac{1.960 \times 0.0158}{\sqrt{400}}$$

$$=) 0.131 \leq \frac{2000}{N} \leq 0.134$$

114925 €N € 15267

Vay So ca' trong his nam trong lihoay to fir 14925 Len 15267 con voi de fin cây la 95%

Bai 1.2. Goi fig le plé phain la P. Mais n = 400 - 16 pte phais $\Rightarrow f = \frac{16}{400} = \frac{1}{25}$ $k = U_{\beta} = U_{\beta} = U_{\beta} = \frac{\sqrt{f(1-f)}}{\sqrt{n}}$; $U_{\beta} = 1.960$ (như bài 1) $= 1.960 \frac{\sqrt{\frac{1}{25} \cdot \frac{24}{25}}}{\sqrt{400}} = 0,0.192$ Tacd: f-k & p & f+k => 0.0208 & P < 0.0592 Vay ty li ple phâm toi kiếu là 2,08%; toi de 5,92%.