Test test test

Notes:

• test

Problems

- (1) In problem 4.1 we considered a set of ideal populations of census size N=20 individuals each. Suppose now that the populations are maintained with 4 males and 16 females each generation. What would be the expected values of the heterozygosity, the variance in the allele frequencies and the inbreeding at generations t=5,20 and 100?
 - Test answer
- (2) In problem 4.2 we considered a plant species whose natural reproduction is a combination of autogamy and allogamy in equal proportions. From a large population of this species a line with census size N=20 was founded, which was maintained for 10 generations in the greenhouse by allogamous reproduction.

Self Assessment