

Remarks on T6

Q1-Q3 Harvesting model

Q2 “A logistic equilibrium population of 194600”
means the model is the logistic model,
and one of the equilibrium solutions is 194600

Q4 Use the equilibrium solutions
and no crossing principle to get the properties of solutions
Check that the properties of solutions are close to
the properties of “depensation” described in Q4

Q6 Compute $M(0)$ and $y(L)$
and then compare these two values
with the corresponding values when $W(x)=\text{constant } \alpha$