

Logistic Population Model Worksheet Zero

Using the equation $r = 1.25 - .00005p$ to compute find growth factors for different populations, we can chart the future growth of the population. For example, with $p_0 = 1000$ we find $r = 1.20$. That means $p_1 = 1.2 \cdot 1000 = 1200$. Follow this approach to find the next several terms p_n , recording your results in the table below.

pos num	population size	r for next entry
0	1000	1.2
1	1200	
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