Timothy-Jacob Marvelous Miyenseigha

Computer engineering

18/eng02/094

Engineering mathematics

Numbers of bacteria versus time

Ime(hr)

275.896

216.161

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B(0) = 150 exp(0.122.0)

935,083	827.687	732,626	648.483	574,003	506,070	449,725	398,073	352,354	3117.092	276.065	244.358	216,293	191,452	169,463	170
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132.691 149.901 169.359

103.962

Number of bacteria for case A.



Number of bacteria for page B

```
y= yoekt.

y= yoekt.

y= yo ext.

y= ext= 3 at t= 9.

yyo = ext= 9 at t= 18.
                                  19 = e^{Kt}
1 \ln 9 = \ln e^{K(18)}
1 \ln 9 = \ln (18)
1 
                                                      · · y = 50e 0.1226 - V
```