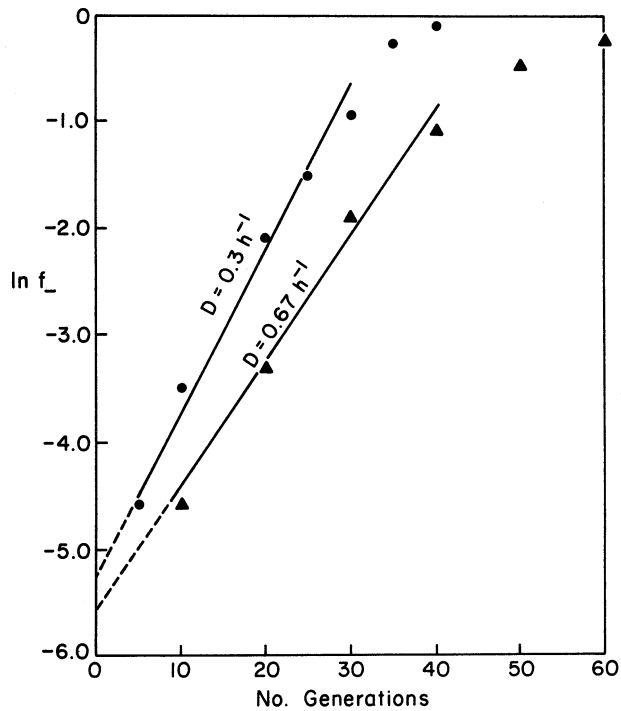


TABLE 14.4 Experimental Values for Plasmid Stability in a Glucose-limited Chemostat

$D = 0.30 \text{ h}^{-1}$			$D = 0.67 \text{ h}^{-1}$		
Time, h	No. of generations	f_-	Time, h	No. of generations	f_-
0	0	≤ 0.002	0	0	≤ 0.002
11.6	5	0.010	10.3	10	0.010
23.1	10	0.030	20.7	20	0.035
46.2	20	0.13	31.0	30	0.15
57.8	25	0.22	41.4	40	0.34
69.3	30	0.39	51.7	50	0.65
80.9	35	0.76	62.1	60	0.81
92.4	40	0.88	72.4	70	0.93
104.0	45	0.97	82.8	80	0.98
115.5	50	1.00	93.1	90	1.0
138.6	60	1.00	103.5	100	1.0

**Figure 14.7.** Determination of $\Delta\mu$ and R using data from Example 14.2.