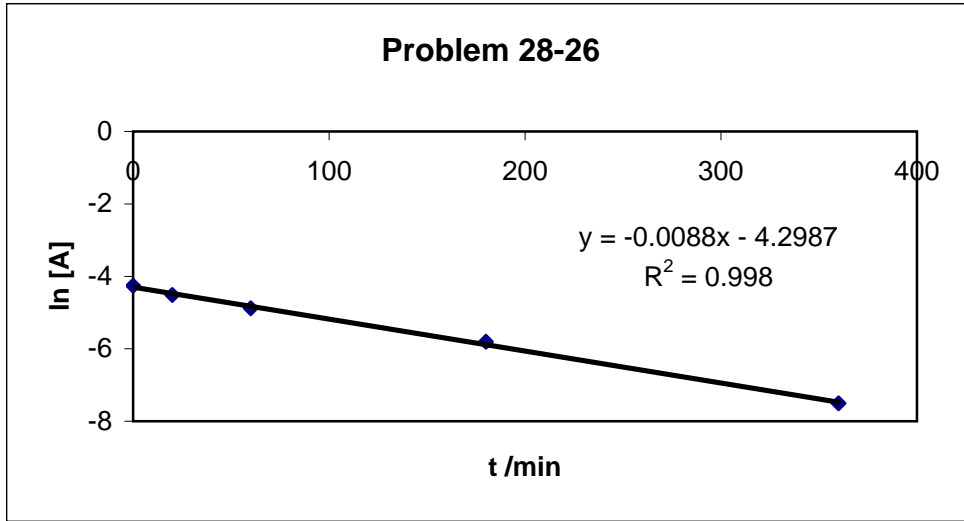


**Problem 28-26**

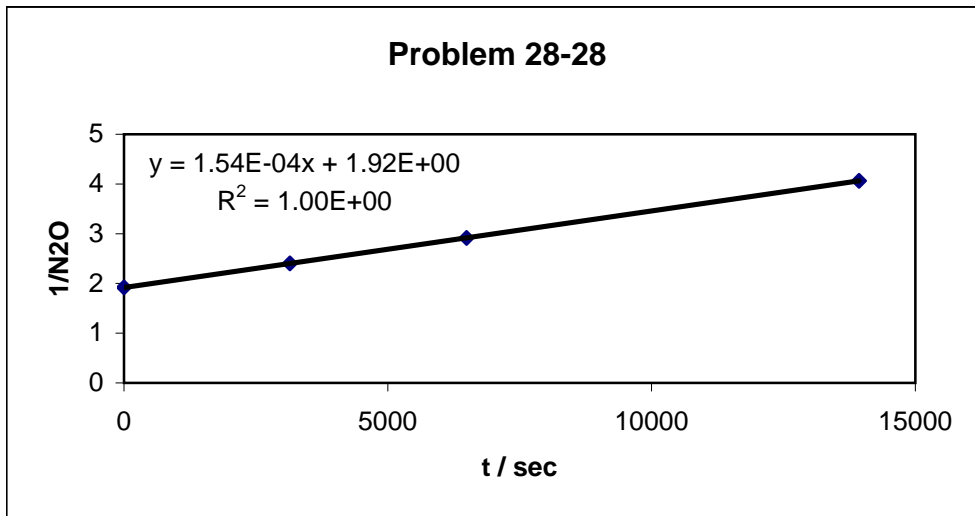
UO <sub>2</sub> (NO <sub>3</sub> ) <sub>2</sub>	ln(UO <sub>2</sub> (NO <sub>3</sub> ) <sub>2</sub> )	t / min
0.01413	-4.259455082	0
0.01096	-4.513502997	20
0.00758	-4.882242079	60
0.00302	-5.802498448	180
0.00055	-7.50559228	360



slope = -k      k=0.0088 min<sup>-1</sup>

**Problem 28-28**

N <sub>2</sub> O	1/N <sub>2</sub> O	t / s
0.521	1.919385797	0
0.416	2.403846154	3146
0.343	2.915451895	6494
0.246	4.06504065	13933



slope = k      k = 0.000154 mol/L·s