

**Department of Chemical Engineering  
University of California, Santa Barbara**

**Ch. E. 152B**

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**Identified parameters for the 4-tank system**

<b>Parameter</b>	<b>Units</b>	<b>Group 1a</b>	<b>Group 1b</b>	<b>MWP (10%)</b>	<b>MWP (20%)</b>
$\bar{h}_1$	cm	13	13	12	11
$\bar{h}_2$	cm	13	12	12	12
$K_{11}$	cm/%	0.028		0.11	0.10
$K_{12}$	cm/%	0.091		0.21	0.21
$K_{21}$	cm/%	0.21		0.20	0.21
$K_{22}$	cm/%	0.16		0.10	0.11
$\tau_1$	s	160	67	66	65
$\tau_2$	s	130	57	69	77
$\tau_3$	s	99	43	31	35
$\tau_4$	s	110	23	46	41
$c_1$	cm/%	0.29		0.33	0.32
$c_2$	cm/%	0.23		0.29	0.30
$\gamma_1$	-	0.095	0.31	0.32	0.33
$\gamma_2$	-	0.69	0.32	0.36	0.35
$a_1$	cm <sup>2</sup>	0.48	730	1.7	1.7
$a_2$	cm <sup>2</sup>	0.95	730	1.7	1.5
$k_1$	cm <sup>3</sup> /s	20.	2.0	3.7	3.7
$k_2$	cm <sup>3</sup> /s	110	2.2	3.1	2.9