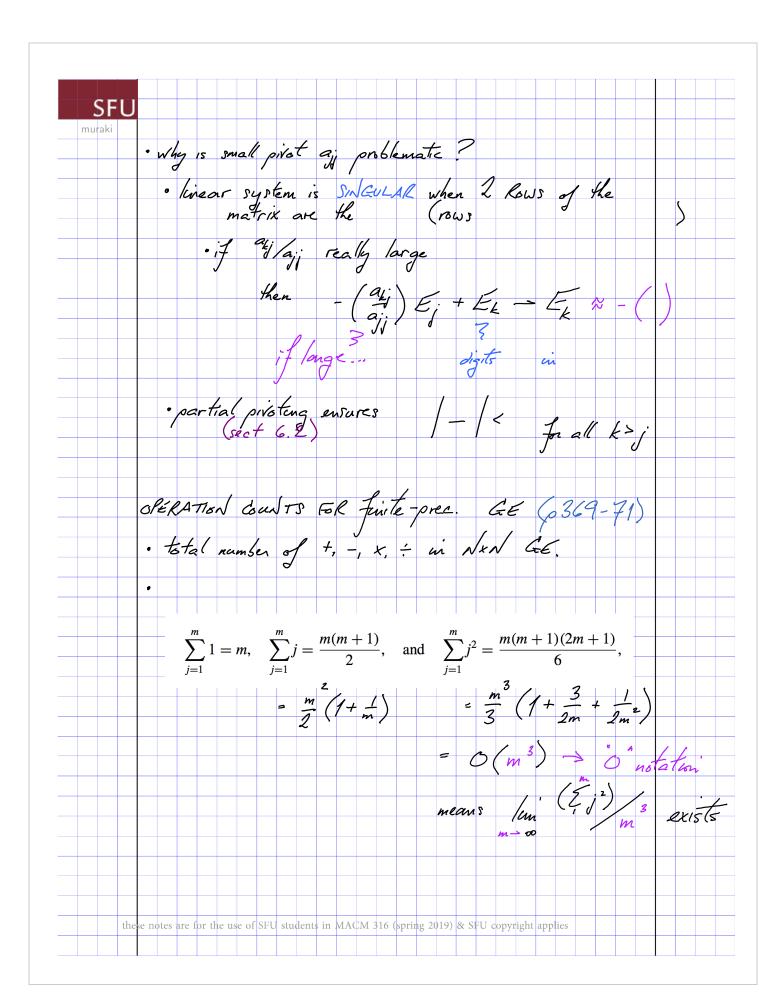
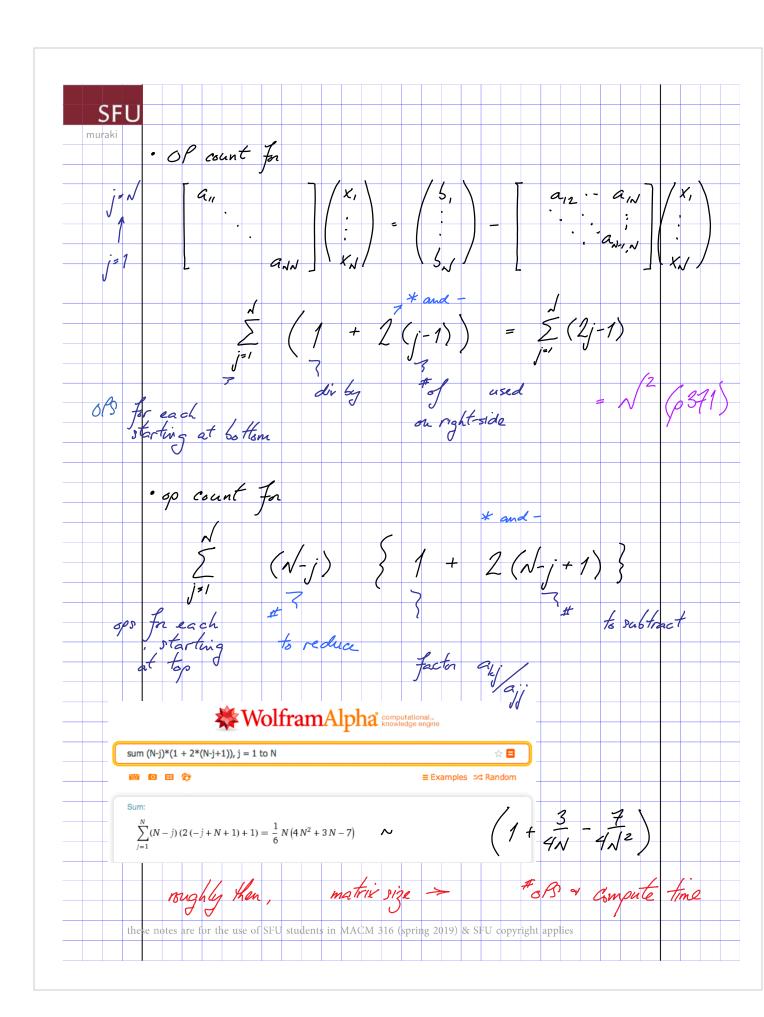
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CELL	
SFU	partial pivist rule: exchange remaining rows to use largest magnitude pivist element: (p377)
muraki	to use largest magnitude
	pivot element (377)
	>> GEdemo
	aa =
	-2 3 -2 -4
	-1 1 -1 -1 5 -1 -6 1 -4 -5 0 -4
	bb =
	-1
	0 -4 -2
	2 partial pivoting? (v/n).v
	partial pivoting? (y/n):y Begin Row Reduction with Augmented system:
	-2 3 -2 -4 -1
	5 -1 -6 1 -4 -5 0 -4 2
	Swap rows 1 and 3; new pivot = 5
	After Row Reduction in column 1 with pivot = 5.000000 5.0000 -1.0000 -6.0000 1.0000 -4.0000
	0 0.8000 -2.2000 -0.8000 -0.8000 0 2.6000 -4.4000 -3.6000 -2.6000 0 -5.8000 -4.8000 -3.2000 -1.2000
	0 -3.0000 -4.0000 -3.2000 -1.2000
	Swap rows 2 and 4; new pivot = -5.8
	After Row Reduction in column 2 with pivot = -5.800000 5.0000 -1.0000 -6.0000 1.0000 -4.0000
	0 -5.8000 -4.8000 -3.2000 -1.2000 0 0 -6.5517 -5.0345 -3.1379
	0 0.0000 -2.8621 -1.2414 -0.9655
	After Row Reduction in column 3 with pivot = -6.551724 5.0000 -1.0000 -6.0000 1.0000 -4.0000
	0 -5.8000 -4.8000 -3.2000 -1.2000 0 0 -6.5517 -5.0345 -3.1379
	0 0.0000 0 0.9579 0.4053
	x =
	-0.7308
	-0.1538 0.1538 0.4231
	Matlab's backslash "\" uses partial préstains
	but there is MORE: scoled partial pivoting
,	but there is Molti snoted partial pivoting
	full pirotung (exch nows + cols, p 382)
	Jan 7.2.5.7 (2.5.7.7.7.7.7.7.7.7.7.7.7.7.7.7.7.7.7.7.
these 1	notes are for the use of SFU students in MACM 316 (spring 2019) & SFU copyright applies

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	Sc:	Scaled partial pivoting (or <i>scaled-column pivoting</i>) is needed for the system in the Illustration. It places the element in the pivot position that is largest relative to the entries in its row. The first step in this procedure is to define a scale factor s_i for each row as																						
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