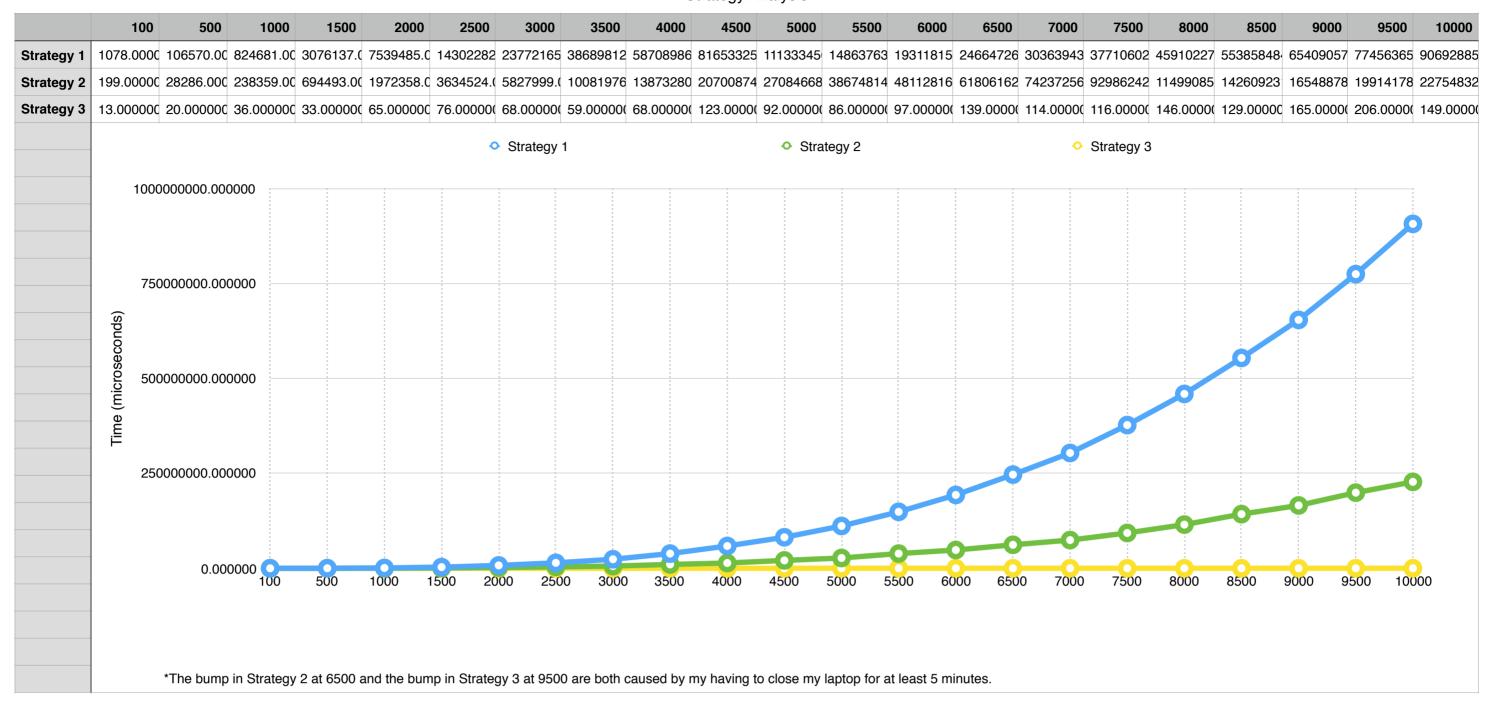
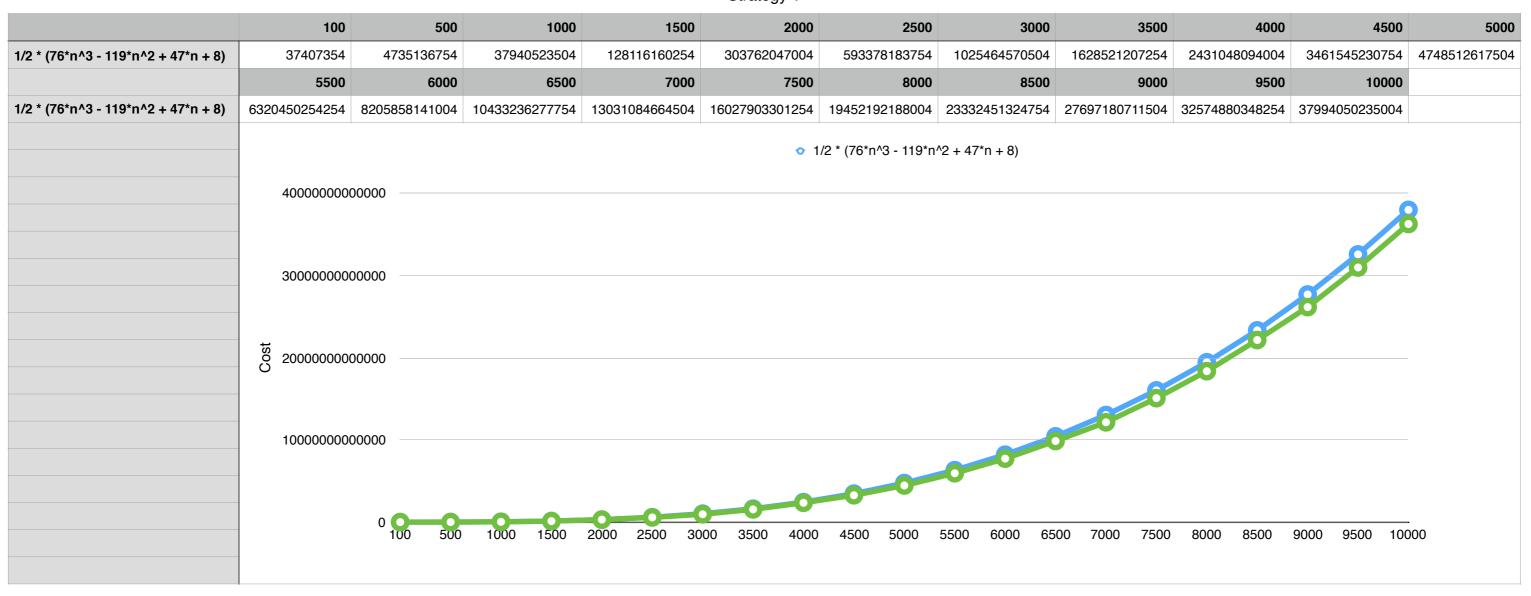
Strategy Analysis



Strategy 1



Strategy 2 – Worst Case

	100	500	1000	1500	2000	2500	3000	3500	4000	4500	5000
1/2 * (72*n^3 - 113*n^2 + 89*n - 28)	35439436	4485897236	35943544486	121372941736	287774088986	562146986236	971491633486	1542808030736	2303096177986	3279356075236	4498587722486
	5500	6000	6500	7000	7500	8000	8500	9000	9500	10000	
1/2 * (72*n^3 - 113*n^2 + 89*n - 28)	5987791119736	7773966266986	9884113164236	12345231811486	15184322208736	18428384355986	22104418253236	26239423900486	30860401297736	35994350444986	
	4000000	00000000				• 1/2 * (72*n^	3 - 113*n^2 + 89*n	- 28)			
	3000000	00000000								0	
	S 20000000	00000000								3	
	1000000	00000000						000		<u></u>	-0
		0 0	500 1000 15	00 2000 2500	3000 3500	4000 4500 50					10000

Strategy 2 – Likely Average Case

	100	500	1000	1500	2000	2500	3000	3500	4000	4500	5000
1/2 * (72*(n/2)^3 - 113*(n/2)^2 + 89*(n/2) - 28)	4360961	558979861	4485897236	15155752111	35943544486	70224274361	121372941736	192764546611	287774088986	409776568861	562146986236
	5500	6000	6500	7000	7500	8000	8500	9000	9500	10000	
1/2 * (72*(n/2)^3 - 113*(n/2)^2 + 89*(n/2) - 28)	748260341111	971491633486	1235215863361	1542808030736	1897643135611	2303096177986	2762542157861	3279356075236	3856912930111	4498587722486	
	40000000 30000000 200000000 10000000	000000	00 1000 1500	0 2000 2500		1/2 * (72*(n/2)^3 -	_0_9	9-8	8 8 8 6 7500 8000 850	00 9000 9500	10000

Strategy 3

	100	500	1000	1500	2000	2500	3000	3500	4000	4500	5000	5500	6000	6500	7000	7500	8000	8500	9000	9500	10000
12 + 51n	5112	25512	51012	76512	102012	127512	153012	178512	204012	229512	255012	280512	306012	331512	357012	382512	408012	433512	459012	484512	510012
	4000000000	00000									• 12+5	i1n									
	3000000000	00000 ——																			
Cost	2000000000	00000 ——																			
	1000000000	00000																			
		0	500	1000	1500	2000	2500 3	000 35	00 400	0 4500	5000	5500	6000	6500	7000	7500 8	85000 85	900	v0 95v1	0 10000	Ö