



**České vysoké učení technické v Praze**  
**Fakulta dopravní, K612 - Ústav dopravních systémů**

<b>Akademický rok:</b> 2019/2020	<b>Typ práce:</b> Bakalářská práce	<b>Datum:</b> 08/2020
<b>Vypracovala:</b> Lucie Odvodyová	<b>Vedoucí práce:</b> Ing. Tomáš Honc	<b>Formát:</b> A4
<b>Téma práce:</b> Obchvat Horšovského Týna		<b>Měřítko:</b> -
<b>Název přílohy:</b> Kubatury varianty A		<b>Číslo přílohy:</b> 7.1.

# Výkaz kubatur varianty A

Lucie Odvodyová

Staničení	Plocha výkopu (čt. m.)	Kubatura výkopu (kr. m.)	Znovu použitelná kubatura (kr. m.)	Plocha násypu (čt. m.)	Kubatura násypu (kr. m.)	Kum. obj. výkopu (kr. m.)	Kum. znovu použitelný obj. (kr. m.)	Kum. obj. násypu (kr. m.)	Kum. čistý obj. (kr. m.)
20	7.28	0	0	0.93	0	0	0	0	0
40	5.8	130.83	130.83	2.22	31.48	130.83	31.48	31.48	99.34
60	4.76	105.67	105.67	4.67	68.88	236.5	100.36	100.36	136.13
80	6.26	110.2	110.2	4.7	93.68	346.69	194.04	194.04	152.65
100	7.98	142.32	142.32	5.02	97.16	489.02	291.2	291.2	197.81
120	8.28	162.58	162.58	9.41	144.32	651.59	435.52	435.52	216.07
140	1.9	101.84	101.84	15.25	246.65	753.44	682.17	682.17	71.27
160	3.71	56.14	56.14	16.81	320.64	809.58	1,002.80	1,002.80	-193.23
180	2.94	66.5	66.5	12.45	292.65	876.08	1,295.45	1,295.45	-419.37
200	2.44	53.83	53.83	17.31	297.64	929.91	1,593.09	1,593.09	-663.18
220	0.06	25.07	25.07	40.73	580.46	954.98	2,173.55	2,173.55	-1,218.57
240	0.06	1.27	1.27	67.24	1,079.78	956.26	3,253.33	3,253.33	-2,297.07
260	0.06	1.29	1.29	88.69	1,559.34	957.55	4,812.67	4,812.67	-3,855.12
280	0.06	1.27	1.27	94.25	1,829.38	958.82	6,642.05	6,642.05	-5,683.23
300	0.06	1.24	1.24	86.68	1,809.23	960.06	8,451.27	8,451.27	-7,491.22
320	0.06	1.17	1.17	72.13	1,588.08	961.23	10,039.35	10,039.35	-9,078.13
340	0.06	1.19	1.19	45.7	1,178.29	962.41	11,217.64	11,217.64	-10,255.23
360	0.07	1.32	1.32	22.45	681.51	963.73	11,899.15	11,899.15	-10,935.42
380	0.12	1.92	1.92	12.77	352.25	965.65	12,251.40	12,251.40	-11,285.74
400	0.07	1.9	1.9	5.47	182.39	967.55	12,433.78	12,433.78	-11,466.23
420	0.31	3.77	3.77	1.4	68.71	971.33	12,502.49	12,502.49	-11,531.16
440	0.8	11.12	11.12	0.28	16.83	982.45	12,519.32	12,519.32	-11,536.88
460	2.34	31.41	31.41	0.08	3.6	1,013.86	12,522.93	12,522.93	-11,509.07
480	3.87	62.14	62.14	0	0.8	1,076.00	12,523.73	12,523.73	-11,447.73

500	4.76	86.31	86.31	0	0	1,162.31	12,523.73	12,523.73	-11,361.41
520	5.91	106.71	106.71	0	0	1,269.02	12,523.73	12,523.73	-11,254.70
540	8.01	139.26	139.26	0	0	1,408.28	12,523.73	12,523.73	-11,115.45
560	11.4	194.11	194.11	0	0	1,602.40	12,523.73	12,523.73	-10,921.33
580	15.06	264.6	264.6	0	0	1,867.00	12,523.73	12,523.73	-10,656.73
600	13.34	283.98	283.98	0	0	2,150.98	12,523.73	12,523.73	-10,372.74
620	12.81	261.48	261.48	0	0	2,412.47	12,523.73	12,523.73	-10,111.26
640	11.64	244.48	244.48	0	0	2,656.95	12,523.73	12,523.73	-9,866.78
660	10.19	218.29	218.29	0	0	2,875.23	12,523.73	12,523.73	-9,648.50
680	9.03	192.24	192.24	0	0	3,067.48	12,523.73	12,523.73	-9,456.25
700	8.08	171.13	171.13	0	0	3,238.61	12,523.73	12,523.73	-9,285.12
720	7.09	151.71	151.71	0	0	3,390.32	12,523.73	12,523.73	-9,133.41
740	7.25	143.43	143.43	0	0	3,533.75	12,523.73	12,523.73	-8,989.98
760	9.17	164.25	164.25	0	0	3,698.00	12,523.73	12,523.73	-8,825.73
780	11.36	205.29	205.29	0	0	3,903.30	12,523.73	12,523.73	-8,620.43
800	13.71	250.63	250.63	0	0	4,153.92	12,523.73	12,523.73	-8,369.81
820	16.14	298.44	298.44	0	0	4,452.36	12,523.73	12,523.73	-8,071.37
840	17.77	339.08	339.08	0	0	4,791.44	12,523.73	12,523.73	-7,732.29
860	19.83	376.01	376.01	0	0	5,167.45	12,523.73	12,523.73	-7,356.28
880	21.95	417.84	417.84	0	0	5,585.29	12,523.73	12,523.73	-6,938.44
900	24.32	462.73	462.73	0	0	6,048.02	12,523.73	12,523.73	-6,475.71
920	26.51	508.3	508.3	0	0	6,556.32	12,523.73	12,523.73	-5,967.41
940	28.71	552.19	552.19	0	0	7,108.51	12,523.73	12,523.73	-5,415.22
960	31.32	600.33	600.33	0	0	7,708.84	12,523.73	12,523.73	-4,814.89
980	35.42	667.43	667.43	0	0	8,376.27	12,523.73	12,523.73	-4,147.46
1000	38.51	739.32	739.32	0	0	9,115.59	12,523.73	12,523.73	-3,408.13
1020	41.62	801.31	801.31	0	0	9,916.91	12,523.73	12,523.73	-2,606.82
1040	44.21	858.25	858.25	0	0	10,775.15	12,523.73	12,523.73	-1,748.57
1060	45.49	897	897	0	0	11,672.16	12,523.73	12,523.73	-851.57
1080	45.83	913.23	913.23	0	0	12,585.39	12,523.73	12,523.73	61.66
1100	45.77	916.04	916.04	0	0	13,501.42	12,523.73	12,523.73	977.69

1120	44.44	902.14	902.14	0	0	14,403.56	12,523.73	12,523.73	1,879.83
1140	40.68	851.19	851.19	0	0	15,254.75	12,523.73	12,523.73	2,731.02
1160	35.73	764.09	764.09	0	0	16,018.84	12,523.73	12,523.73	3,495.11
1180	31.01	667.43	667.43	0	0	16,686.27	12,523.73	12,523.73	4,162.55
1200	24.48	554.97	554.97	0	0	17,241.25	12,523.73	12,523.73	4,717.52
1220	13.51	379.99	379.99	0	0	17,621.24	12,523.73	12,523.73	5,097.51
1240	2.84	163.59	163.59	0.81	8.09	17,784.83	12,531.82	12,531.82	5,253.01
1260	0.06	29.09	29.09	9.51	103.17	17,813.92	12,634.98	12,634.98	5,178.93
1280	0.06	1.2	1.2	23.86	333.64	17,815.12	12,968.62	12,968.62	4,846.49
1300	0.06	1.12	1.12	40.88	647.33	17,816.24	13,615.96	13,615.96	4,200.28
1320	0.06	1.19	1.19	56.74	976.13	17,817.44	14,592.09	14,592.09	3,225.35
1340	0.06	1.19	1.19	73.13	1,298.68	17,818.63	15,890.77	15,890.77	1,927.86
1360	0.06	1.12	1.12	86.86	1,599.95	17,819.74	17,490.72	17,490.72	329.02
1380	0.06	1.21	1.21	102.34	1,892.00	17,820.95	19,382.72	19,382.72	-1,561.77
1400	0.06	1.21	1.21	124.8	2,271.41	17,822.17	21,654.12	21,654.12	-3,831.96
1420	0.05	1.09	1.09	147.47	2,722.74	17,823.26	24,376.86	24,376.86	-6,553.60
1440	0.05	1.05	1.05	161.8	3,092.74	17,824.31	27,469.60	27,469.60	-9,645.29
1460	0.05	1.04	1.04	165.68	3,274.88	17,825.35	30,744.48	30,744.48	-12,919.13
1480	0.06	1.08	1.08	163.15	3,288.32	17,826.43	34,032.80	34,032.80	-16,206.37
1500	0.06	1.11	1.11	160.07	3,232.14	17,827.54	37,264.95	37,264.95	-19,437.40
1520	0.06	1.12	1.12	152.62	3,126.85	17,828.66	40,391.80	40,391.80	-22,563.14
1540	0.06	1.13	1.13	145.86	2,984.80	17,829.79	43,376.60	43,376.60	-25,546.81
1560	0	0.57	0.57	0	1,458.60	17,830.36	44,835.20	44,835.20	-27,004.85
1580	0.06	0.57	0.57	166.87	1,668.68	17,830.93	46,503.88	46,503.88	-28,672.95
1600	0.06	1.13	1.13	192.34	3,592.05	17,832.06	50,095.93	50,095.93	-32,263.87
1620	0.06	1.11	1.11	196.44	3,887.81	17,833.16	53,983.74	53,983.74	-36,150.58
1640	0.06	1.11	1.11	197.8	3,942.42	17,834.27	57,926.16	57,926.16	-40,091.88
1660	0.06	1.11	1.11	198.61	3,964.08	17,835.39	61,890.23	61,890.23	-44,054.85
1680	0.06	1.11	1.11	198.88	3,974.92	17,836.50	65,865.15	65,865.15	-48,028.66
1700	0.06	1.11	1.11	198.39	3,972.69	17,837.60	69,837.84	69,837.84	-52,000.24
1720	0.06	1.11	1.11	196.82	3,952.09	17,838.72	73,789.93	73,789.93	-55,951.21

1740	0.06	1.12	1.12	197.21	3,940.30	17,839.84	77,730.23	77,730.23	-59,890.39
1760	0.06	1.12	1.12	198.33	3,955.40	17,840.95	81,685.63	81,685.63	-63,844.68
1780	0.06	1.11	1.11	197.85	3,961.81	17,842.07	85,647.44	85,647.44	-67,805.37
1800	0.06	1.1	1.1	196.57	3,944.19	17,843.17	89,591.62	89,591.62	-71,748.45
1820	0.06	1.1	1.1	194.22	3,907.91	17,844.28	93,499.54	93,499.54	-75,655.26
1840	0.05	1.1	1.1	190.52	3,847.41	17,845.38	97,346.95	97,346.95	-79,501.57
1860	0.05	1.1	1.1	184.1	3,746.18	17,846.48	101,093.13	101,093.13	-83,246.65
1880	0.06	1.1	1.1	175.29	3,593.91	17,847.58	104,687.04	104,687.04	-86,839.46
1900	0.05	1.1	1.1	174.48	3,497.75	17,848.68	108,184.79	108,184.79	-90,336.11
1920	0.05	1.09	1.09	171.22	3,456.99	17,849.77	111,641.78	111,641.78	-93,792.00
1940	0.06	1.1	1.1	159.55	3,307.72	17,850.88	114,949.50	114,949.50	-97,098.63
1960	0.06	1.12	1.12	147.69	3,072.45	17,852.00	118,021.95	118,021.95	-100,169.95
1980	0.06	1.12	1.12	135.4	2,830.89	17,853.12	120,852.84	120,852.84	-102,999.72
2000	0.06	1.2	1.2	119.62	2,550.18	17,854.32	123,403.02	123,403.02	-105,548.70
2020	0.06	1.2	1.2	106.66	2,262.83	17,855.53	125,665.85	125,665.85	-107,810.33
2040	0.06	1.13	1.13	96.93	2,035.97	17,856.66	127,701.82	127,701.82	-109,845.16
2060	0.06	1.12	1.12	85.6	1,825.32	17,857.78	129,527.14	129,527.14	-111,669.36
2080	0.06	1.12	1.12	70.19	1,557.84	17,858.90	131,084.98	131,084.98	-113,226.08
2100	0.06	1.21	1.21	53.33	1,235.14	17,860.11	132,320.12	132,320.12	-114,460.01
2120	0.06	1.21	1.21	39.01	923.34	17,861.32	133,243.47	133,243.47	-115,382.15
2140	0.06	1.21	1.21	22.16	611.64	17,862.52	133,855.11	133,855.11	-115,992.58
2160	0.23	2.93	2.93	6.79	289.52	17,865.45	134,144.62	134,144.62	-116,279.17
2180	8.45	86.8	86.8	0	67.94	17,952.25	134,212.57	134,212.57	-116,260.31
2200	18.93	273.82	273.82	0	0	18,226.07	134,212.57	134,212.57	-115,986.49
2220	15.56	344.94	344.94	0	0	18,571.01	134,212.57	134,212.57	-115,641.55
2240	6	215.67	215.67	0.12	1.16	18,786.69	134,213.73	134,213.73	-115,427.04
2260	0.23	62.35	62.35	6.28	63.93	18,849.04	134,277.66	134,277.66	-115,428.62
2280	0.06	2.95	2.95	21.86	281.4	18,851.99	134,559.06	134,559.06	-115,707.08
2300	0.07	1.29	1.29	33.95	558.17	18,853.28	135,117.23	135,117.23	-116,263.95
2320	0.06	1.29	1.29	39.53	734.87	18,854.58	135,852.10	135,852.10	-116,997.53
2340	0.06	1.28	1.28	38.17	777.06	18,855.86	136,629.17	136,629.17	-117,773.31

2360	0.06	1.29	1.29	32.25	704.25	18,857.15	137,333.42	137,333.42	-118,476.27
2380	0.07	1.3	1.3	38.86	711.17	18,858.45	138,044.59	138,044.59	-119,186.13
2400	0.07	1.34	1.34	61.5	1,003.58	18,859.80	139,048.17	139,048.17	-120,188.37
2420	0.07	1.42	1.42	96.53	1,580.23	18,861.22	140,628.39	140,628.39	-121,767.17
2440	0.06	1.36	1.36	140.94	2,374.63	18,862.58	143,003.02	143,003.02	-124,140.44
2460	0.06	1.25	1.25	180.79	3,217.30	18,863.82	146,220.32	146,220.32	-127,356.50
2480	0	0.62	0.62	0	1,807.95	18,864.44	148,028.27	148,028.27	-129,163.83
2500	0	0	0	0	0	18,864.44	148,028.27	148,028.27	-129,163.83
2520	0	0	0	0	0	18,864.44	148,028.27	148,028.27	-129,163.83
2540	0	0	0	0	0	18,864.44	148,028.27	148,028.27	-129,163.83
2560	0	0	0	0	0	18,864.44	148,028.27	148,028.27	-129,163.83
2580	0	0	0	0	0	18,864.44	148,028.27	148,028.27	-129,163.83
2600	0	0	0	0	0	18,864.44	148,028.27	148,028.27	-129,163.83
2620	0	0	0	0	0	18,864.44	148,028.27	148,028.27	-129,163.83
2640	0.01	0.13	0.13	242.35	2,423.52	18,864.57	150,451.79	150,451.79	-131,587.22
2660	1.18	11.9	11.9	150.34	3,926.94	18,876.47	154,378.73	154,378.73	-135,502.26
2680	0.67	18.49	18.49	110.52	2,608.64	18,894.96	156,987.37	156,987.37	-138,092.40
2700	0.65	13.21	13.21	101.43	2,119.47	18,908.17	159,106.84	159,106.84	-140,198.67
2720	7.47	81.21	81.21	20.33	1,217.51	18,989.38	160,324.35	160,324.35	-141,334.97
2740	0.3	77.68	77.68	33.93	542.51	19,067.06	160,866.86	160,866.86	-141,799.80
2760	0.05	3.41	3.41	136.77	1,706.92	19,070.46	162,573.78	162,573.78	-143,503.32
2780	0.07	1.14	1.14	16.05	1,528.13	19,071.60	164,101.91	164,101.91	-145,030.31
2800	15.91	159.81	159.81	0	160.46	19,231.41	164,262.37	164,262.37	-145,030.96
2820	28.59	445.07	445.07	0	0	19,676.47	164,262.37	164,262.37	-144,585.90
2840	48.62	772.19	772.19	0	0	20,448.66	164,262.37	164,262.37	-143,813.71
2860	55.97	1,045.92	1,045.92	0	0	21,494.59	164,262.37	164,262.37	-142,767.78
2880	44.38	1,003.50	1,003.50	0	0	22,498.09	164,262.37	164,262.37	-141,764.28
2900	11	553.85	553.85	3.88	38.75	23,051.93	164,301.12	164,301.12	-141,249.19
2920	0.15	111.52	111.52	27.31	311.84	23,163.45	164,612.96	164,612.96	-141,449.51
2940	0.06	2.1	2.1	37.01	643.18	23,165.55	165,256.14	165,256.14	-142,090.59
2960	0.05	1.16	1.16	43.91	809.16	23,166.71	166,065.30	166,065.30	-142,898.59

2980	0.06	1.13	1.13	41.47	853.8	23,167.83	166,919.10	166,919.10	-143,751.27
3000	0.07	1.23	1.23	16.88	583.57	23,169.07	167,502.66	167,502.66	-144,333.60
3020	21.38	214.49	214.49	0	168.84	23,383.55	167,671.50	167,671.50	-144,287.95
3040	55.92	773.06	773.06	0	0	24,156.62	167,671.50	167,671.50	-143,514.88
3060	131.65	1,875.69	1,875.69	0	0	26,032.31	167,671.50	167,671.50	-141,639.19
3080	247.48	3,791.30	3,791.30	0	0	29,823.61	167,671.50	167,671.50	-137,847.89
3100	367	6,144.79	6,144.79	0	0	35,968.39	167,671.50	167,671.50	-131,703.11
3120	461.03	8,280.28	8,280.28	0	0	44,248.67	167,671.50	167,671.50	-123,422.83
3140	526.42	9,874.57	9,874.57	0	0	54,123.24	167,671.50	167,671.50	-113,548.26
3160	566.08	10,925.07	10,925.07	0	0	65,048.32	167,671.50	167,671.50	-102,623.18
3180	577.21	11,432.91	11,432.91	0	0	76,481.22	167,671.50	167,671.50	-91,190.28
3200	600.05	11,772.56	11,772.56	0	0	88,253.78	167,671.50	167,671.50	-79,417.72
3220	618.51	12,185.61	12,185.61	0	0	100,439.39	167,671.50	167,671.50	-67,232.11
3240	628.59	12,471.05	12,471.05	0	0	112,910.44	167,671.50	167,671.50	-54,761.06
3260	627.28	12,558.75	12,558.75	0	0	125,469.19	167,671.50	167,671.50	-42,202.31
3280	614.72	12,420.08	12,420.08	0	0	137,889.27	167,671.50	167,671.50	-29,782.23
3300	588.85	12,035.72	12,035.72	0	0	149,924.99	167,671.50	167,671.50	-17,746.51
3320	533.28	11,221.26	11,221.26	0	0	161,146.25	167,671.50	167,671.50	-6,525.25
3340	456.53	9,898.04	9,898.04	0	0	171,044.29	167,671.50	167,671.50	3,372.79
3360	354.96	8,114.81	8,114.81	0	0	179,159.10	167,671.50	167,671.50	11,487.60
3380	276.52	6,314.71	6,314.71	0	0	185,473.81	167,671.50	167,671.50	17,802.31
3400	172.84	4,493.53	4,493.53	0	0	189,967.33	167,671.50	167,671.50	22,295.83
3420	139.31	3,121.49	3,121.49	0	0	193,088.83	167,671.50	167,671.50	25,417.33
3440	103.03	2,423.42	2,423.42	0	0	195,512.24	167,671.50	167,671.50	27,840.74
3460	70.13	1,731.57	1,731.57	0	0	197,243.81	167,671.50	167,671.50	29,572.31
3480	47.02	1,171.47	1,171.47	0	0	198,415.28	167,671.50	167,671.50	30,743.78
3500	30.34	773.58	773.58	0	0	199,188.86	167,671.50	167,671.50	31,517.36
3520	14.13	444.65	444.65	0	0	199,633.51	167,671.50	167,671.50	31,962.01
3540	1.99	161.18	161.18	2.9	29.02	199,794.69	167,700.52	167,700.52	32,094.17
3560	0.07	20.58	20.58	14.66	175.6	199,815.26	167,876.11	167,876.11	31,939.15
3580	0.07	1.33	1.33	35.55	502.13	199,816.60	168,378.24	168,378.24	31,438.36

3600	0.07	1.34	1.34	55.71	912.68	199,817.94	169,290.92	169,290.92	30,527.01
3620	0.07	1.35	1.35	68.36	1,240.77	199,819.28	170,531.69	170,531.69	29,287.59
3640	0.07	1.36	1.36	72.97	1,413.30	199,820.64	171,944.99	171,944.99	27,875.65
3660	0.07	1.39	1.39	76.94	1,499.07	199,822.03	173,444.06	173,444.06	26,377.97
3680	0.06	1.31	1.31	82.4	1,593.38	199,823.34	175,037.43	175,037.43	24,785.91
3700	0.06	1.24	1.24	82.69	1,650.92	199,824.58	176,688.35	176,688.35	23,136.23
3720	0.06	1.26	1.26	86.85	1,695.41	199,825.84	178,383.77	178,383.77	21,442.07
3740	0.06	1.24	1.24	94.58	1,814.23	199,827.08	180,197.99	180,197.99	19,629.08
3760	0.06	1.21	1.21	105.22	1,997.96	199,828.29	182,195.95	182,195.95	17,632.34
3780	0.06	1.21	1.21	116.23	2,214.52	199,829.50	184,410.47	184,410.47	15,419.03
3800	0.06	1.22	1.22	124.28	2,405.15	199,830.72	186,815.62	186,815.62	13,015.10
3820	0.06	1.22	1.22	147.45	2,717.29	199,831.94	189,532.91	189,532.91	10,299.03
3840	0.07	1.28	1.28	180.16	3,276.04	199,833.23	192,808.95	192,808.95	7,024.27
3860	0.07	1.32	1.32	220.21	4,003.65	199,834.55	196,812.61	196,812.61	3,021.94
3880	0.06	1.26	1.26	269.21	4,894.14	199,835.81	201,706.75	201,706.75	-1,870.94
3900	0.06	1.17	1.17	305.43	5,746.38	199,836.98	207,453.13	207,453.13	-7,616.15
3920	0.02	0.78	0.78	329.7	6,351.28	199,837.76	213,804.41	213,804.41	-13,966.65
3940	0.02	0.42	0.42	348.34	6,780.37	199,838.18	220,584.78	220,584.78	-20,746.60
3960	0.02	0.42	0.42	361.96	7,103.05	199,838.60	227,687.83	227,687.83	-27,849.23
3980	0.02	0.42	0.42	376.75	7,387.10	199,839.02	235,074.92	235,074.92	-35,235.90
4000	0.02	0.43	0.43	392.47	7,692.18	199,839.44	242,767.10	242,767.10	-42,927.66
4020	0.02	0.44	0.44	406.77	7,992.43	199,839.88	250,759.53	250,759.53	-50,919.65
4040	0.02	0.45	0.45	415.69	8,224.62	199,840.33	258,984.15	258,984.15	-59,143.82
4060	0.02	0.46	0.46	410.43	8,261.22	199,840.79	267,245.37	267,245.37	-67,404.58
4080	0.02	0.46	0.46	409.11	8,195.40	199,841.26	275,440.77	275,440.77	-75,599.51
4100	0	0.23	0.23	0	4,091.09	199,841.48	279,531.86	279,531.86	-79,690.38
4120	0	0	0	0	0	199,841.48	279,531.86	279,531.86	-79,690.38
4140	0	0	0	0	0	199,841.48	279,531.86	279,531.86	-79,690.38
4160	0	0	0	0	0	199,841.48	279,531.86	279,531.86	-79,690.38
4180	0.05	0.54	0.54	298.01	2,980.14	199,842.03	282,512.00	282,512.00	-82,669.97
4200	0.05	1.09	1.09	274.96	5,729.75	199,843.12	288,241.75	288,241.75	-88,398.63



4220	0.06	1.1	1.1	253.12	5,280.81	199,844.21	293,522.56	293,522.56	-93,678.34
4240	0.05	1.1	1.1	234.98	4,881.02	199,845.31	298,403.58	298,403.58	-98,558.27
4260	0.06	1.1	1.1	219.78	4,547.67	199,846.41	302,951.25	302,951.25	-103,104.83
4280	0.06	1.12	1.12	207.15	4,269.35	199,847.53	307,220.60	307,220.60	-107,373.07
4300	0.06	1.12	1.12	196.9	4,040.54	199,848.66	311,261.13	311,261.13	-111,412.48
4320	0.06	1.19	1.19	194.58	3,914.83	199,849.84	315,175.97	315,175.97	-115,326.12
4340	0.06	1.24	1.24	190.42	3,850.03	199,851.09	319,026.00	319,026.00	-119,174.91
4360	0.06	1.25	1.25	177.21	3,676.30	199,852.34	322,702.30	322,702.30	-122,849.96
4380	0.06	1.27	1.27	163.84	3,410.49	199,853.61	326,112.79	326,112.79	-126,259.18
4400	0.06	1.28	1.28	152.83	3,166.71	199,854.89	329,279.50	329,279.50	-129,424.61
4420	0.06	1.28	1.28	139.7	2,925.33	199,856.17	332,204.83	332,204.83	-132,348.66
4440	0.06	1.27	1.27	135.21	2,749.15	199,857.44	334,953.98	334,953.98	-135,096.54
4460	0	0.64	0.64	0	1,352.13	199,858.08	336,306.11	336,306.11	-136,448.03
4480	0	0	0	0	0	199,858.08	336,306.11	336,306.11	-136,448.03
4500	0	0	0	0	0	199,858.08	336,306.11	336,306.11	-136,448.03
4520	0	0	0	0	0	199,858.08	336,306.11	336,306.11	-136,448.03
4540	0	0	0	0	0	199,858.08	336,306.11	336,306.11	-136,448.03
4560	0	0	0	0	0	199,858.08	336,306.11	336,306.11	-136,448.03
4580	0	0	0	0	0	199,858.08	336,306.11	336,306.11	-136,448.03
4600	0.08	0.78	0.78	182.76	1,827.60	199,858.86	338,133.70	338,133.70	-138,274.85
4620	0.06	1.42	1.42	163.77	3,465.31	199,860.28	341,599.01	341,599.01	-141,738.73
4640	0.06	1.27	1.27	149.72	3,134.87	199,861.55	344,733.88	344,733.88	-144,872.33
4660	0.06	1.27	1.27	136.05	2,857.64	199,862.82	347,591.52	347,591.52	-147,728.70
4680	0.06	1.27	1.27	124.34	2,603.90	199,864.09	350,195.42	350,195.42	-150,331.33
4700	0.06	1.28	1.28	113.47	2,378.14	199,865.37	352,573.56	352,573.56	-152,708.19
4720	0.06	1.28	1.28	103.61	2,170.84	199,866.65	354,744.40	354,744.40	-154,877.75
4740	0.06	1.28	1.28	94.59	1,981.99	199,867.93	356,726.40	356,726.40	-156,858.47
4760	0.06	1.28	1.28	86.08	1,806.65	199,869.21	358,533.05	358,533.05	-158,663.84
4780	0.06	1.28	1.28	77.85	1,639.29	199,870.50	360,172.34	360,172.34	-160,301.84
4800	0.06	1.28	1.28	66.12	1,439.74	199,871.78	361,612.08	361,612.08	-161,740.30
4820	0.06	1.28	1.28	58.45	1,245.75	199,873.06	362,857.83	362,857.83	-162,984.77

4840	0.06	1.28	1.28	52.06	1,105.13	199,874.35	363,962.96	363,962.96	-164,088.62
4860	0.06	1.28	1.28	44.64	967.04	199,875.63	364,930.00	364,930.00	-165,054.38
4880	0.06	1.28	1.28	38.25	828.9	199,876.91	365,758.91	365,758.91	-165,882.00
4900	0.06	1.28	1.28	32.43	706.74	199,878.19	366,465.64	366,465.64	-166,587.45
4920	0.06	1.28	1.28	27.47	598.93	199,879.47	367,064.57	367,064.57	-167,185.11
4940	0.06	1.28	1.28	23.27	507.35	199,880.75	367,571.92	367,571.92	-167,691.17
4960	0.06	1.29	1.29	19.46	427.29	199,882.04	367,999.21	367,999.21	-168,117.18
4980	0.06	1.29	1.29	16.23	356.86	199,883.32	368,356.08	368,356.08	-168,472.75
5000	0.06	1.29	1.29	13.95	301.74	199,884.61	368,657.81	368,657.81	-168,773.20
5020	0.06	1.29	1.29	12.79	267.39	199,885.90	368,925.21	368,925.21	-169,039.31
5040	0.06	1.29	1.29	10.32	231.15	199,887.19	369,156.36	369,156.36	-169,269.17
5060	0.07	1.3	1.3	9.3	196.21	199,888.49	369,352.57	369,352.57	-169,464.08
5080	0.06	1.3	1.3	10.37	196.65	199,889.79	369,549.22	369,549.22	-169,659.43
5100	0.06	1.29	1.29	12.15	225.21	199,891.08	369,774.43	369,774.43	-169,883.35
5120	0.06	1.29	1.29	13.62	257.78	199,892.37	370,032.21	370,032.21	-170,139.84
5140	0.06	1.29	1.29	15.24	288.65	199,893.66	370,320.86	370,320.86	-170,427.20
5160	0.06	1.22	1.22	17.19	324.27	199,894.88	370,645.13	370,645.13	-170,750.25
5180	0.07	1.23	1.23	16.2	333.9	199,896.11	370,979.02	370,979.02	-171,082.91
5200	0.07	1.31	1.31	15.35	315.53	199,897.42	371,294.55	371,294.55	-171,397.13
5220	0.07	1.37	1.37	12.81	281.58	199,898.79	371,576.13	371,576.13	-171,677.34
5240	0.06	1.35	1.35	13.28	260.91	199,900.13	371,837.03	371,837.03	-171,936.90
5260	0.06	1.26	1.26	16.96	302.39	199,901.40	372,139.43	372,139.43	-172,238.03
5280	0.06	1.26	1.26	22.49	394.5	199,902.66	372,533.93	372,533.93	-172,631.27
5300	0.06	1.24	1.24	28.01	505.04	199,903.90	373,038.97	373,038.97	-173,135.07
5320	0.05	1.06	1.06	30.36	583.7	199,904.96	373,622.67	373,622.67	-173,717.71
5340	1.95	19.94	19.94	25.36	557.13	199,924.89	374,179.80	374,179.80	-174,254.91
5360	0.05	20.02	20.02	23.37	487.25	199,944.91	374,667.05	374,667.05	-174,722.14
5380	0.05	1.01	1.01	24.37	477.38	199,945.92	375,144.42	375,144.42	-175,198.50
5400	0.05	0.98	0.98	21.85	462.16	199,946.91	375,606.58	375,606.58	-175,659.68
5420	6.91	69.57	69.57	12.29	341.33	200,016.47	375,947.92	375,947.92	-175,931.44
5440	5.07	119.79	119.79	14.08	263.64	200,136.27	376,211.55	376,211.55	-176,075.29

5460	2.98	80.52	80.52	18.4	324.76	200,216.79	376,536.31	376,536.31	-176,319.52
5480	1.39	43.71	43.71	21.43	398.25	200,260.51	376,934.56	376,934.56	-176,674.05
5500	7.21	85.98	85.98	14.2	356.25	200,346.49	377,290.81	377,290.81	-176,944.32
5520	10.58	177.88	177.88	5.71	199.03	200,524.37	377,489.84	377,489.84	-176,965.48
5540	8.96	195.44	195.44	0.12	58.3	200,719.81	377,548.14	377,548.14	-176,828.33
5560	9.1	180.59	180.59	0.07	1.95	200,900.40	377,550.09	377,550.09	-176,649.69
5580	8.59	176.85	176.85	5.41	54.82	201,077.25	377,604.91	377,604.91	-176,527.66
5600	9.28	178.66	178.66	3.89	93.01	201,255.91	377,697.92	377,697.92	-176,442.01
5620	10.91	201.89	201.89	0.01	39	201,457.80	377,736.92	377,736.92	-176,279.11