



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

Akademický rok: 2019/2020	Typ práce: Bakalářská práce	Datum: 08/2020
Vypracovala: Lucie Odvodyová	Vedoucí práce: Ing. Tomáš Honc	Formát: A4
Téma práce: Obchvat Horšovského Týna		Měřítko: -
Název přílohy: Kubatury varianty B		Číslo přílohy: 7.2.

Výkaz kubatur varianty B

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	6.53	0	0	1.15	0	0	0	0	0
40	4.41	109.32	109.32	2.9	40.44	109.32	40.44	40.44	68.87
60	2.15	65.6	65.6	6.18	90.73	174.92	131.17	131.17	43.75
80	2.31	44.63	44.63	9.49	156.63	219.55	287.8	287.8	-68.25
100	3.38	56.88	56.88	10.99	204.74	276.43	492.54	492.54	-216.12
120	4.26	76.39	76.39	14.89	258.75	352.81	751.29	751.29	-398.48
140	0.31	45.65	45.65	26.57	414.6	398.46	1,165.90	1,165.90	-767.43
160	1.12	14.28	14.28	25.98	525.52	412.75	1,691.41	1,691.41	-1,278.67
180	2.26	33.85	33.85	26.76	527.44	446.6	2,218.86	2,218.86	-1,772.26
200	0.05	23.09	23.09	41.26	680.28	469.68	2,899.14	2,899.14	-2,429.45
220	6.05	60.93	60.93	56.97	982.36	530.61	3,881.50	3,881.50	-3,350.89
240	0.06	61.12	61.12	86.49	1,434.59	591.72	5,316.09	5,316.09	-4,724.36
260	0.06	1.29	1.29	109.96	1,964.49	593.02	7,280.57	7,280.57	-6,687.55
280	0.07	1.3	1.3	120.84	2,308.05	594.32	9,588.62	9,588.62	-8,994.30
300	0.06	1.2	1.2	114.21	2,350.53	595.52	11,939.15	11,939.15	-11,343.63
320	0.05	1.03	1.03	96.88	2,110.91	596.55	14,050.06	14,050.06	-13,453.51
340	0.05	0.97	0.97	72.13	1,690.09	597.53	15,740.15	15,740.15	-15,142.63
360	0.07	1.15	1.15	46.04	1,181.67	598.68	16,921.82	16,921.82	-16,323.14
380	0.06	1.3	1.3	35.73	817.71	599.98	17,739.53	17,739.53	-17,139.55
400	0.07	1.3	1.3	27.18	629.15	601.28	18,368.68	18,368.68	-17,767.40
420	0.06	1.3	1.3	22.84	500.22	602.58	18,868.90	18,868.90	-18,266.32
440	0.07	1.31	1.31	21.4	442.43	603.89	19,311.33	19,311.33	-18,707.44
460	0.07	1.38	1.38	20.3	416.97	605.27	19,728.29	19,728.29	-19,123.02
480	0.07	1.41	1.41	19.48	397.73	606.68	20,126.02	20,126.02	-19,519.34

500	0.07	1.36	1.36	19.66	391.37	608.04	20,517.39	20,517.39	-19,909.36
520	0.07	1.34	1.34	19.3	389.6	609.38	20,906.99	20,906.99	-20,297.61
540	0.06	1.31	1.31	17.91	372.14	610.7	21,279.14	21,279.14	-20,668.44
560	0.07	1.32	1.32	15.29	332.07	612.02	21,611.20	21,611.20	-20,999.19
580	0.07	1.34	1.34	12.62	279.16	613.35	21,890.37	21,890.37	-21,277.01
600	0.06	1.31	1.31	15.5	281.29	614.67	22,171.65	22,171.65	-21,556.99
620	0.06	1.3	1.3	17.13	326.32	615.96	22,497.97	22,497.97	-21,882.01
640	0.06	1.29	1.29	19.42	365.48	617.26	22,863.45	22,863.45	-22,246.19
660	0.06	1.29	1.29	21.84	412.6	618.54	23,276.05	23,276.05	-22,657.51
680	0.06	1.28	1.28	23.82	456.64	619.82	23,732.69	23,732.69	-23,112.87
700	0.06	1.28	1.28	25.31	491.34	621.1	24,224.03	24,224.03	-23,602.93
720	0.06	1.28	1.28	26.62	519.26	622.39	24,743.29	24,743.29	-24,120.91
740	0.06	1.29	1.29	26.15	527.68	623.68	25,270.97	25,270.97	-24,647.30
760	0.06	1.29	1.29	23.17	493.26	624.96	25,764.23	25,764.23	-25,139.26
780	0.06	1.29	1.29	19.93	431	626.26	26,195.22	26,195.22	-25,568.97
800	0.06	1.3	1.3	16.44	363.62	627.56	26,558.85	26,558.85	-25,931.29
820	0.06	1.29	1.29	13.14	295.77	628.85	26,854.62	26,854.62	-26,225.77
840	0.06	1.29	1.29	10.79	239.29	630.14	27,093.91	27,093.91	-26,463.77
860	0.06	1.29	1.29	8.17	189.61	631.42	27,283.52	27,283.52	-26,652.10
880	0.06	1.28	1.28	5.7	138.74	632.71	27,422.26	27,422.26	-26,789.55
900	0.06	1.28	1.28	3.19	88.9	633.99	27,511.16	27,511.16	-26,877.17
920	0.35	4.18	4.18	0.91	41	638.16	27,552.16	27,552.16	-26,914.00
940	1.57	19.24	19.24	0.13	10.39	657.4	27,562.56	27,562.56	-26,905.15
960	4.08	56.55	56.55	0	1.28	713.95	27,563.83	27,563.83	-26,849.88
980	7.73	118.19	118.19	0	0	832.14	27,563.83	27,563.83	-26,731.69
1000	10.88	186.12	186.12	0	0	1,018.26	27,563.83	27,563.83	-26,545.57
1020	14.07	249.44	249.44	0	0	1,267.70	27,563.83	27,563.83	-26,296.13
1040	17.48	315.47	315.47	0	0	1,583.17	27,563.83	27,563.83	-25,980.66
1060	19.45	369.27	369.27	0	0	1,952.44	27,563.83	27,563.83	-25,611.39
1080	20.64	400.91	400.91	0	0	2,353.35	27,563.83	27,563.83	-25,210.49
1100	21.54	421.81	421.81	0	0	2,775.15	27,563.83	27,563.83	-24,788.68

1120	21.23	427.66	427.66	0	0	3,202.81	27,563.83	27,563.83	-24,361.02
1140	18.83	400.6	400.6	0	0	3,603.41	27,563.83	27,563.83	-23,960.42
1160	15.69	345.17	345.17	0	0	3,948.58	27,563.83	27,563.83	-23,615.25
1180	12.68	283.69	283.69	0	0	4,232.27	27,563.83	27,563.83	-23,331.56
1200	8.24	209.25	209.25	0	0	4,441.53	27,563.83	27,563.83	-23,122.31
1220	1.57	98.16	98.16	1.85	18.47	4,539.69	27,582.30	27,582.30	-23,042.61
1240	0.07	16.39	16.39	10.66	125.03	4,556.08	27,707.33	27,707.33	-23,151.25
1260	0.06	1.22	1.22	23.04	336.93	4,557.30	28,044.26	28,044.26	-23,486.96
1280	0.06	1.12	1.12	38.93	619.68	4,558.42	28,663.94	28,663.94	-24,105.52
1300	0.06	1.12	1.12	54.49	934.17	4,559.54	29,598.11	29,598.11	-25,038.57
1320	0.06	1.11	1.11	72.73	1,272.17	4,560.66	30,870.28	30,870.28	-26,309.62
1340	0.06	1.11	1.11	86.1	1,588.32	4,561.77	32,458.60	32,458.60	-27,896.83
1360	0.06	1.11	1.11	100.93	1,870.32	4,562.88	34,328.91	34,328.91	-29,766.03
1380	0.07	1.21	1.21	113.94	2,148.68	4,564.09	36,477.59	36,477.59	-31,913.50
1400	0.06	1.21	1.21	135.23	2,491.70	4,565.31	38,969.29	38,969.29	-34,403.98
1420	0.05	1.09	1.09	156.74	2,919.73	4,566.40	41,889.02	41,889.02	-37,322.62
1440	0.05	1.04	1.04	171.08	3,278.24	4,567.44	45,167.25	45,167.25	-40,599.82
1460	0.05	1.04	1.04	174.55	3,456.28	4,568.48	48,623.54	48,623.54	-44,055.06
1480	0.06	1.08	1.08	170.5	3,450.50	4,569.56	52,074.03	52,074.03	-47,504.48
1500	0.06	1.12	1.12	165.53	3,360.38	4,570.68	55,434.42	55,434.42	-50,863.74
1520	0.06	1.13	1.13	159.63	3,251.61	4,571.80	58,686.02	58,686.02	-54,114.22
1540	0.06	1.13	1.13	147.69	3,073.13	4,572.94	61,759.15	61,759.15	-57,186.22
1560	0	0.56	0.56	0	1,476.86	4,573.50	63,236.01	63,236.01	-58,662.51
1580	0.06	0.57	0.57	166.32	1,663.16	4,574.07	64,899.17	64,899.17	-60,325.10
1600	0.06	1.12	1.12	189.96	3,562.78	4,575.20	68,461.95	68,461.95	-63,886.75
1620	0.06	1.11	1.11	192.64	3,826.05	4,576.30	72,288.00	72,288.00	-67,711.69
1640	0.06	1.11	1.11	192.25	3,848.97	4,577.42	76,136.96	76,136.96	-71,559.55
1660	0.06	1.11	1.11	191.3	3,835.57	4,578.53	79,972.54	79,972.54	-75,394.01
1680	0.06	1.11	1.11	189.78	3,810.83	4,579.64	83,783.37	83,783.37	-79,203.73
1700	0.06	1.11	1.11	187.29	3,770.70	4,580.75	87,554.07	87,554.07	-82,973.32
1720	0.06	1.12	1.12	184.19	3,714.83	4,581.86	91,268.90	91,268.90	-86,687.04

1740	0.06	1.13	1.13	183.6	3,677.93	4,582.99	94,946.84	94,946.84	-90,363.85
1760	0.06	1.12	1.12	183.19	3,667.89	4,584.11	98,614.72	98,614.72	-94,030.61
1780	0.06	1.11	1.11	180.95	3,641.35	4,585.22	102,256.08	102,256.08	-97,670.86
1800	0.06	1.11	1.11	177.74	3,586.84	4,586.33	105,842.92	105,842.92	-101,256.59
1820	0.06	1.11	1.11	173.47	3,512.10	4,587.43	109,355.02	109,355.02	-104,767.59
1840	0.06	1.1	1.1	167.52	3,409.97	4,588.54	112,764.99	112,764.99	-108,176.45
1860	0.05	1.1	1.1	154.56	3,220.87	4,589.64	115,985.86	115,985.86	-111,396.22
1880	0.06	1.12	1.12	146.11	3,006.71	4,590.75	118,992.57	118,992.57	-114,401.82
1900	0.05	1.11	1.11	143.34	2,894.46	4,591.87	121,887.03	121,887.03	-117,295.16
1920	0.05	1.09	1.09	138.73	2,820.72	4,592.96	124,707.74	124,707.74	-120,114.78
1940	0.05	1.08	1.08	128.63	2,673.64	4,594.05	127,381.38	127,381.38	-122,787.33
1960	0.06	1.17	1.17	112.87	2,415.04	4,595.21	129,796.43	129,796.43	-125,201.21
1980	0.06	1.19	1.19	100.47	2,133.43	4,596.40	131,929.85	131,929.85	-127,333.46
2000	0.06	1.12	1.12	87.74	1,882.06	4,597.52	133,811.91	133,811.91	-129,214.39
2020	0.06	1.13	1.13	73.74	1,614.76	4,598.65	135,426.67	135,426.67	-130,828.01
2040	0.06	1.13	1.13	64.43	1,381.67	4,599.78	136,808.33	136,808.33	-132,208.55
2060	0.06	1.12	1.12	48.66	1,130.83	4,600.91	137,939.17	137,939.17	-133,338.26
2080	0.06	1.13	1.13	34.09	827.5	4,602.04	138,766.67	138,766.67	-134,164.63
2100	0.06	1.14	1.14	19.58	536.76	4,603.17	139,303.42	139,303.42	-134,700.25
2120	0.22	2.72	2.72	6.61	261.93	4,605.89	139,565.36	139,565.36	-134,959.46
2140	7.84	80.55	80.55	0.1	67.14	4,686.44	139,632.50	139,632.50	-134,946.06
2160	25.68	335.21	335.21	0	1.03	5,021.65	139,633.53	139,633.53	-134,611.87
2180	47.23	729.14	729.14	0	0	5,750.79	139,633.53	139,633.53	-133,882.74
2200	62	1,092.35	1,092.35	0	0	6,843.14	139,633.53	139,633.53	-132,790.38
2220	55.51	1,175.13	1,175.13	0	0	8,018.27	139,633.53	139,633.53	-131,615.26
2240	42.21	977.25	977.25	0	0	8,995.52	139,633.53	139,633.53	-130,638.01
2260	26.24	684.57	684.57	0	0	9,680.09	139,633.53	139,633.53	-129,953.44
2280	9.69	359.37	359.37	0.05	0.46	10,039.46	139,633.99	139,633.99	-129,594.53
2300	2.16	118.55	118.55	2.51	25.55	10,158.01	139,659.54	139,659.54	-129,501.53
2320	0.73	28.9	28.9	7.6	101.04	10,186.91	139,760.58	139,760.58	-129,573.67
2340	0.6	13.3	13.3	9.96	175.55	10,200.21	139,936.13	139,936.13	-129,735.92

2360	0.4	10.02	10.02	11.14	211.02	10,210.23	140,147.16	140,147.16	-129,936.93
2380	0.08	4.79	4.79	20.75	318.94	10,215.02	140,466.10	140,466.10	-130,251.08
2400	0.07	1.46	1.46	56.14	768.95	10,216.48	141,235.05	141,235.05	-131,018.57
2420	0.07	1.44	1.44	98.75	1,548.97	10,217.92	142,784.03	142,784.03	-132,566.11
2440	0.06	1.35	1.35	156.68	2,554.35	10,219.27	145,338.38	145,338.38	-135,119.10
2460	0.06	1.23	1.23	215.59	3,722.68	10,220.50	149,061.05	149,061.05	-138,840.55
2480	0	0.61	0.61	0	2,155.86	10,221.11	151,216.92	151,216.92	-140,995.80
2500	0	0	0	0	0	10,221.11	151,216.92	151,216.92	-140,995.80
2520	0	0	0	0	0	10,221.11	151,216.92	151,216.92	-140,995.80
2540	0	0	0	0	0	10,221.11	151,216.92	151,216.92	-140,995.80
2560	0	0	0	0	0	10,221.11	151,216.92	151,216.92	-140,995.80
2580	0	0	0	0	0	10,221.11	151,216.92	151,216.92	-140,995.80
2600	0	0	0	0	0	10,221.11	151,216.92	151,216.92	-140,995.80
2620	0.02	0.24	0.24	355.17	3,551.68	10,221.35	154,768.60	154,768.60	-144,547.25
2640	0.02	0.49	0.49	170.41	5,255.80	10,221.84	160,024.40	160,024.40	-149,802.56
2660	11.87	118.92	118.92	63.58	2,339.95	10,340.76	162,364.35	162,364.35	-152,023.59
2680	0.06	119.29	119.29	54.98	1,185.60	10,460.05	163,549.95	163,549.95	-153,089.90
2700	6.62	66.81	66.81	8.8	637.77	10,526.86	164,187.72	164,187.72	-153,660.86
2720	11.67	182.89	182.89	9.75	185.49	10,709.75	164,373.21	164,373.21	-153,663.46
2740	7.88	195.54	195.54	16.41	261.58	10,905.29	164,634.79	164,634.79	-153,729.50
2760	0.09	79.77	79.77	33.12	495.27	10,985.06	165,130.06	165,130.06	-154,145.00
2780	6.94	70.31	70.31	10.43	435.47	11,055.37	165,565.53	165,565.53	-154,510.16
2800	22.4	293.34	293.34	5.12	155.53	11,348.71	165,721.06	165,721.06	-154,372.35
2820	54.16	765.54	765.54	0	51.24	12,114.25	165,772.30	165,772.30	-153,658.05
2840	90.3	1,444.56	1,444.56	0	0	13,558.82	165,772.30	165,772.30	-152,213.48
2860	127.92	2,182.16	2,182.16	0	0	15,740.97	165,772.30	165,772.30	-150,031.33
2880	154.03	2,819.49	2,819.49	0	0	18,560.46	165,772.30	165,772.30	-147,211.84
2900	172.25	3,262.83	3,262.83	0	0	21,823.29	165,772.30	165,772.30	-143,949.01
2920	187.2	3,594.49	3,594.49	0	0	25,417.78	165,772.30	165,772.30	-140,354.52
2940	215.3	4,025.00	4,025.00	0	0	29,442.78	165,772.30	165,772.30	-136,329.52
2960	257.16	4,724.62	4,724.62	0	0	34,167.40	165,772.30	165,772.30	-131,604.90

2980	307.7	5,648.58	5,648.58	0	0	39,815.98	165,772.30	165,772.30	-125,956.32
3000	345.25	6,529.53	6,529.53	0	0	46,345.51	165,772.30	165,772.30	-119,426.79
3020	397.63	7,428.88	7,428.88	0	0	53,774.38	165,772.30	165,772.30	-111,997.92
3040	448.45	8,460.82	8,460.82	0	0	62,235.20	165,772.30	165,772.30	-103,537.09
3060	486.14	9,345.86	9,345.86	0	0	71,581.06	165,772.30	165,772.30	-94,191.24
3080	516	10,021.33	10,021.33	0	0	81,602.39	165,772.30	165,772.30	-84,169.91
3100	539.96	10,559.52	10,559.52	0	0	92,161.91	165,772.30	165,772.30	-73,610.39
3120	568.42	11,083.79	11,083.79	0	0	103,245.70	165,772.30	165,772.30	-62,526.60
3140	607.92	11,763.45	11,763.45	0	0	115,009.14	165,772.30	165,772.30	-50,763.16
3160	664.83	12,727.52	12,727.52	0	0	127,736.67	165,772.30	165,772.30	-38,035.63
3180	733.5	13,983.31	13,983.31	0	0	141,719.97	165,772.30	165,772.30	-24,052.33
3200	797.39	15,308.93	15,308.93	0	0	157,028.90	165,772.30	165,772.30	-8,743.39
3220	834.97	16,323.59	16,323.59	0	0	173,352.50	165,772.30	165,772.30	7,580.20
3240	850.8	16,857.71	16,857.71	0	0	190,210.21	165,772.30	165,772.30	24,437.91
3260	849.21	17,000.11	17,000.11	0	0	207,210.32	165,772.30	165,772.30	41,438.02
3280	820.89	16,700.97	16,700.97	0	0	223,911.29	165,772.30	165,772.30	58,138.99
3300	773.57	15,944.58	15,944.58	0	0	239,855.87	165,772.30	165,772.30	74,083.57
3320	715.31	14,888.78	14,888.78	0	0	254,744.65	165,772.30	165,772.30	88,972.36
3340	661.64	13,769.46	13,769.46	0	0	268,514.12	165,772.30	165,772.30	102,741.82
3360	610.26	12,718.98	12,718.98	0	0	281,233.09	165,772.30	165,772.30	115,460.79
3380	558.31	11,685.70	11,685.70	0	0	292,918.79	165,772.30	165,772.30	127,146.49
3400	508.65	10,669.56	10,669.56	0	0	303,588.35	165,772.30	165,772.30	137,816.06
3420	458.81	9,674.62	9,674.62	0	0	313,262.98	165,772.30	165,772.30	147,490.68
3440	410.84	8,696.55	8,696.55	0	0	321,959.53	165,772.30	165,772.30	156,187.23
3460	364.86	7,757.04	7,757.04	0	0	329,716.57	165,772.30	165,772.30	163,944.27
3480	324.5	6,893.59	6,893.59	0	0	336,610.16	165,772.30	165,772.30	170,837.86
3500	291.47	6,159.70	6,159.70	0	0	342,769.86	165,772.30	165,772.30	176,997.56
3520	259.57	5,510.40	5,510.40	0	0	348,280.26	165,772.30	165,772.30	182,507.96
3540	209.55	4,691.19	4,691.19	0	0	352,971.44	165,772.30	165,772.30	187,199.14
3560	169.91	3,794.57	3,794.57	0	0	356,766.02	165,772.30	165,772.30	190,993.72
3580	109.72	2,796.28	2,796.28	0	0	359,562.29	165,772.30	165,772.30	193,790.00

3600	50.83	1,605.55	1,605.55	0	0	361,167.85	165,772.30	165,772.30	195,395.55
3620	0.3	511.37	511.37	2.22	22.21	361,679.22	165,794.51	165,794.51	195,884.70
3640	0.06	3.68	3.68	15.52	177.39	361,682.90	165,971.91	165,971.91	195,710.99
3660	0.06	1.23	1.23	39.48	549.93	361,684.12	166,521.84	166,521.84	195,162.28
3680	0.06	1.15	1.15	63.25	1,027.27	361,685.27	167,549.11	167,549.11	194,136.16
3700	0.06	1.16	1.16	76.29	1,395.46	361,686.43	168,944.57	168,944.57	192,741.86
3720	0.06	1.15	1.15	101.46	1,777.55	361,687.58	170,722.12	170,722.12	190,965.47
3740	0.06	1.12	1.12	116.31	2,177.69	361,688.71	172,899.81	172,899.81	188,788.90
3760	0.06	1.14	1.14	134.67	2,509.81	361,689.85	175,409.62	175,409.62	186,280.23
3780	0.05	1.13	1.13	165.74	3,004.15	361,690.98	178,413.77	178,413.77	183,277.21
3800	0.05	1.08	1.08	177.97	3,437.13	361,692.06	181,850.90	181,850.90	179,841.16
3820	0.06	1.14	1.14	148.58	3,265.46	361,693.20	185,116.36	185,116.36	176,576.83
3840	0.06	1.21	1.21	88.86	2,374.40	361,694.41	187,490.76	187,490.76	174,203.65
3860	0.07	1.33	1.33	37.43	1,262.89	361,695.74	188,753.65	188,753.65	172,942.09
3880	0.86	9.28	9.28	10.6	480.26	361,705.01	189,233.91	189,233.91	172,471.10
3900	6.86	77.18	77.18	1.4	119.98	361,782.20	189,353.89	189,353.89	172,428.31
3920	6.78	136.46	136.46	0.71	21.04	361,918.66	189,374.92	189,374.92	172,543.74
3940	0.85	76.36	76.36	6.04	67.44	361,995.02	189,442.36	189,442.36	172,552.66
3960	0.06	9.09	9.09	33.28	393.2	362,004.12	189,835.56	189,835.56	172,168.56
3980	0.06	1.13	1.13	72.59	1,058.74	362,005.25	190,894.30	190,894.30	171,110.95
4000	0.06	1.13	1.13	114.18	1,867.71	362,006.37	192,762.00	192,762.00	169,244.37
4020	0.06	1.12	1.12	150.72	2,649.02	362,007.50	195,411.03	195,411.03	166,596.47
4040	0.06	1.12	1.12	180.93	3,316.51	362,008.62	198,727.54	198,727.54	163,281.07
4060	0.06	1.12	1.12	203.16	3,840.92	362,009.74	202,568.47	202,568.47	159,441.28
4080	0.06	1.13	1.13	223.9	4,270.67	362,010.87	206,839.13	206,839.13	155,171.74
4100	0.06	1.12	1.12	241.32	4,652.21	362,011.99	211,491.35	211,491.35	150,520.64
4120	0.06	1.19	1.19	246.75	4,880.69	362,013.18	216,372.04	216,372.04	145,641.15
4140	0.06	1.28	1.28	253.02	4,997.74	362,014.46	221,369.78	221,369.78	140,644.68
4160	0.06	1.28	1.28	261.71	5,147.35	362,015.74	226,517.13	226,517.13	135,498.60
4180	0.06	1.27	1.27	264.66	5,263.72	362,017.00	231,780.85	231,780.85	130,236.15
4200	0.06	1.27	1.27	261.53	5,261.92	362,018.27	237,042.77	237,042.77	124,975.50

4220	0.06	1.27	1.27	259.88	5,214.08	362,019.54	242,256.85	242,256.85	119,762.69
4240	0.06	1.27	1.27	255.07	5,149.51	362,020.81	247,406.35	247,406.35	114,614.46
4260	0.06	1.27	1.27	249.18	5,042.54	362,022.08	252,448.90	252,448.90	109,573.18
4280	0.06	1.27	1.27	244.94	4,941.16	362,023.35	257,390.06	257,390.06	104,633.30
4300	0.06	1.26	1.26	239.52	4,844.52	362,024.61	262,234.58	262,234.58	99,790.04
4320	0.06	1.26	1.26	224.74	4,642.56	362,025.88	266,877.13	266,877.13	95,148.75
4340	0.06	1.27	1.27	208.97	4,337.12	362,027.15	271,214.25	271,214.25	90,812.89
4360	0.06	1.27	1.27	196.27	4,052.41	362,028.42	275,266.67	275,266.67	86,761.75
4380	0.06	1.27	1.27	186.87	3,831.37	362,029.69	279,098.04	279,098.04	82,931.65
4400	0.06	1.27	1.27	179.68	3,665.49	362,030.96	282,763.52	282,763.52	79,267.43
4420	0	0.64	0.64	0	1,796.79	362,031.59	284,560.32	284,560.32	77,471.28
4440	0	0	0	0	0	362,031.59	284,560.32	284,560.32	77,471.28
4460	0	0	0	0	0	362,031.59	284,560.32	284,560.32	77,471.28
4480	0	0	0	0	0	362,031.59	284,560.32	284,560.32	77,471.28
4500	0	0	0	0	0	362,031.59	284,560.32	284,560.32	77,471.28
4520	0	0	0	0	0	362,031.59	284,560.32	284,560.32	77,471.28
4540	0	0	0	0	0	362,031.59	284,560.32	284,560.32	77,471.28
4560	0	0	0	0	0	362,031.59	284,560.32	284,560.32	77,471.28
4580	0.06	0.64	0.64	211.15	2,111.50	362,032.23	286,671.82	286,671.82	75,360.42
4600	0.06	1.28	1.28	212.48	4,236.35	362,033.51	290,908.17	290,908.17	71,125.34
4620	0.06	1.2	1.2	214.18	4,266.66	362,034.71	295,174.83	295,174.83	66,859.88
4640	0.06	1.13	1.13	211.73	4,259.07	362,035.84	299,433.90	299,433.90	62,601.94
4660	0.06	1.13	1.13	209.01	4,207.37	362,036.97	303,641.27	303,641.27	58,395.70
4680	0.06	1.13	1.13	206.28	4,152.91	362,038.10	307,794.18	307,794.18	54,243.91
4700	0.06	1.12	1.12	203.43	4,097.07	362,039.22	311,891.25	311,891.25	50,147.97
4720	0.06	1.12	1.12	200.97	4,043.96	362,040.34	315,935.22	315,935.22	46,105.13
4740	0.06	1.12	1.12	198.25	3,992.20	362,041.47	319,927.42	319,927.42	42,114.05
4760	0.06	1.12	1.12	195.43	3,936.85	362,042.59	323,864.26	323,864.26	38,178.33
4780	0.06	1.12	1.12	188.94	3,843.72	362,043.71	327,707.99	327,707.99	34,335.72
4800	0.06	1.11	1.11	172.81	3,617.51	362,044.83	331,325.50	331,325.50	30,719.33
4820	0.06	1.12	1.12	158.56	3,313.72	362,045.95	334,639.22	334,639.22	27,406.73

4840	0.06	1.12	1.12	138.47	2,970.28	362,047.07	337,609.50	337,609.50	24,437.58
4860	0.06	1.12	1.12	124.14	2,626.04	362,048.20	340,235.54	340,235.54	21,812.66
4880	0.06	1.13	1.13	109.01	2,331.41	362,049.33	342,566.95	342,566.95	19,482.38
4900	0.06	1.17	1.17	101.17	2,101.79	362,050.50	344,668.74	344,668.74	17,381.76
4920	0.05	1.14	1.14	117.7	2,188.69	362,051.64	346,857.44	346,857.44	15,194.21
4940	0.06	1.11	1.11	118.08	2,357.79	362,052.75	349,215.22	349,215.22	12,837.53
4960	0.06	1.13	1.13	119.54	2,376.22	362,053.88	351,591.45	351,591.45	10,462.43
4980	0.06	1.13	1.13	114.81	2,343.49	362,055.01	353,934.93	353,934.93	8,120.08
5000	0.07	1.22	1.22	75.74	1,905.51	362,056.23	355,840.44	355,840.44	6,215.78
5020	0.06	1.25	1.25	104.86	1,806.01	362,057.48	357,646.46	357,646.46	4,411.02
5040	0.06	1.17	1.17	100.29	2,051.48	362,058.65	359,697.94	359,697.94	2,360.71
5060	0.06	1.13	1.13	97.6	1,978.84	362,059.78	361,676.78	361,676.78	383
5080	0.05	1.05	1.05	95.65	1,932.47	362,060.83	363,609.24	363,609.24	-1,548.41
5100	0.04	0.91	0.91	80.69	1,763.40	362,061.74	365,372.64	365,372.64	-3,310.90
5120	0.07	1.08	1.08	64.64	1,453.32	362,062.82	366,825.96	366,825.96	-4,763.13
5140	0.07	1.32	1.32	52.76	1,174.02	362,064.15	367,999.97	367,999.97	-5,935.83
5160	0.07	1.32	1.32	44.21	969.73	362,065.46	368,969.71	368,969.71	-6,904.24
5180	0.05	1.14	1.14	42.11	863.24	362,066.60	369,832.95	369,832.95	-7,766.35
5200	0.05	0.96	0.96	42.25	843.56	362,067.56	370,676.50	370,676.50	-8,608.94
5220	0.05	0.97	0.97	42.91	851.54	362,068.53	371,528.04	371,528.04	-9,459.51
5240	0.05	0.98	0.98	42.38	852.87	362,069.51	372,380.91	372,380.91	-10,311.40
5260	0.05	0.99	0.99	41.24	836.16	362,070.51	373,217.07	373,217.07	-11,146.57
5280	0.05	0.99	0.99	41.77	830.11	362,071.49	374,047.18	374,047.18	-11,975.68
5300	0.05	1.01	1.01	42.41	841.8	362,072.50	374,888.98	374,888.98	-12,816.48
5320	0.05	1.02	1.02	43.85	862.53	362,073.52	375,751.50	375,751.50	-13,677.98
5340	0.05	1	1	43.51	873.52	362,074.51	376,625.02	376,625.02	-14,550.51
5360	0.05	0.99	0.99	43.34	868.44	362,075.50	377,493.46	377,493.46	-15,417.96
5380	0.05	0.98	0.98	43.25	865.89	362,076.48	378,359.36	378,359.36	-16,282.87
5400	0.05	0.95	0.95	42.01	852.57	362,077.44	379,211.93	379,211.93	-17,134.49
5420	0.07	1.15	1.15	41.07	830.79	362,078.59	380,042.73	380,042.73	-17,964.14
5440	0.29	3.56	3.56	40.56	816.34	362,082.15	380,859.06	380,859.06	-18,776.91

5460	0.73	10.18	10.18	39.99	805.56	362,092.33	381,664.62	381,664.62	-19,572.29
5480	1.26	19.86	19.86	35.95	759.41	362,112.20	382,424.03	382,424.03	-20,311.83
5500	1.8	30.55	30.55	29.52	654.63	362,142.75	383,078.66	383,078.66	-20,935.91
5520	2.35	41.47	41.47	25.85	553.68	362,184.22	383,632.34	383,632.34	-21,448.12
5540	2.9	52.51	52.51	21.87	477.21	362,236.73	384,109.55	384,109.55	-21,872.83
5560	3.57	64.74	64.74	14.89	367.58	362,301.47	384,477.13	384,477.13	-22,175.66
5580	4.21	77.77	77.77	11.98	268.68	362,379.24	384,745.81	384,745.81	-22,366.57