



\* \* 境 界 点 成 果 表 \* \*

测点名	X 座 标	Y 座 标	测点名	X 座 标	Y 座 标
11-1	-62785.077	-88080.533	11-17	-62837.030	-88096.566
11-2	-62780.823	-88083.115	11-18	-62834.649	-88092.163
11-3	-62773.387	-88114.922	11-19	-62776.771	-88100.367
11-4	-62775.983	-88119.119	11-20	-62781.467	-88120.410
11-5	-62806.691	-88126.354	11-21	-62792.832	-88123.086
11-6	-62807.384	-88126.453	11-22	-62798.773	-88124.487
11-7	-62807.752	-88126.394	11-23	-62805.097	-88125.978
11-8	-62812.210	-88125.158	11-24	-62827.208	-88112.201
11-9	-62814.512	-88122.944	11-25	-62816.402	-88087.883
11-10	-62819.093	-88119.004	11-26	-62805.216	-88085.256
11-11	-62822.194	-88116.459	11-27	-62785.666	-88102.454
11-12	-62825.270	-88113.897	11-28	-62797.033	-88105.120
11-13	-62828.286	-88111.264	11-29	-62800.359	-88105.899
11-14	-62830.334	-88109.052	11-30	-62802.976	-88106.513
11-15	-62832.827	-88105.923	11-31	-62809.301	-88107.999
11-16	-62834.893	-88102.490	11-32	-62811.555	-88108.528

※ ※ 面積計算 (座標法) ※ ※ ワーク名: B11

地 器械点	番 : 視準点	11-1 内角	方向角	距離	[1] X(i)	[2] Y(i)	[3] X(i+1)-X(i-1)	[2]*[3]
11-1	11-2	135-32-43	328-44-38	4.976	-62785.077	-88080.533	24.393	-2148548.441469
11-2	11-19	134-28-25	283-13-03	17.721	-62780.823	-88083.115	8.306	-731618.353190
11-19	11-27	89-59-12	193-12-15	9.137	-62776.771	-88100.367	-4.843	426670.077381
11-27	11-28	179-59-43	193-11-58	11.675	-62785.666	-88102.454	-20.262	1785131.922948
11-28	11-29	179-58-57	193-10-55	3.416	-62797.033	-88105.120	-14.693	1294528.528160
11-29	11-26	90-03-29	103-14-24	21.207	-62800.359	-88105.899	-8.183	720970.571517
11-26	11-1	89-57-31	13-11-55	20.685	-62805.216	-88085.256	15.282	-1346118.882192
							倍面積	1015.423155
							面積	507.7115775

地 器械点	番 : 視準点	11-2 内角	方向角	距離	[1] X(i)	[2] Y(i)	[3] X(i+1)-X(i-1)	[2]*[3]
11-25	11-26	90-00-14	13-12-59	11.490	-62816.402	-88087.883	6.339	-558389.090337
11-26	11-29	90-01-25	283-14-24	21.207	-62805.216	-88085.256	16.043	-1413151.762008
11-29	11-30	89-57-50	193-12-14	2.688	-62800.359	-88105.899	2.240	-197357.213760
11-30	11-31	180-01-03	193-13-17	6.497	-62802.976	-88106.513	-8.942	787848.439246
11-31	11-32	179-59-12	193-12-29	2.315	-62809.301	-88107.999	-8.579	755878.523421
11-32	11-25	90-00-16	103-12-45	21.206	-62811.555	-88108.528	-7.101	625658.657328
							倍面積	487.553890
							面積	243.7769450

地 器械点	番 : 視準点	11-3 内角	方向角	距離	[1] X(i)	[2] Y(i)	[3] X(i+1)-X(i-1)	[2]*[3]
11-24	11-13	125-47-50	139-00-10	1.428	-62827.208	-88112.201	-16.731	1474205.234931
11-13	11-14	173-47-33	132-47-43	3.015	-62828.286	-88111.264	-3.126	275435.811264
11-14	11-15	175-45-02	128-32-45	4.001	-62830.334	-88109.052	-4.541	400103.205132
11-15	11-16	172-29-38	121-02-23	4.007	-62832.827	-88105.923	-4.559	401674.902957
11-16	11-17	168-47-47	109-50-10	6.298	-62834.893	-88102.490	-4.203	370294.765470
11-17	11-18	131-45-39	61-35-49	5.006	-62837.030	-88096.566	0.244	-21495.562104
11-18	11-25	131-36-13	13-12-02	18.742	-62834.649	-88092.163	20.628	-1817165.138364
11-25	11-32	90-00-43	283-12-45	21.206	-62816.402	-88087.883	23.094	-2034301.570002
11-32	11-24	89-59-35	193-12-20	16.078	-62811.555	-88108.528	-10.806	952100.753568
							倍面積	852.402852
							面積	426.2014260



地 番 : 11-4		内 角	方 向 角	距 離	[1]	[2]	[3]	[2]*[3]
器械点	視準点				X(i)	Y(i)	X(i+1)-X(i-1)	
11-23	11-5	90-06-42	193-16-21	1.638	-62805.097	-88125.978	2.610	-230008.802580
11-5	11-6	174-51-27	188-07-48	0.700	-62806.691	-88126.354	-2.287	201544.971598
11-6	11-7	162-45-41	170-53-29	0.373	-62807.384	-88126.453	-1.061	93502.166633
11-7	11-8	173-36-44	164-30-13	4.626	-62807.752	-88126.394	-4.826	425297.977444
11-8	11-9	151-36-46	136-06-59	3.194	-62812.210	-88125.158	-6.760	595726.068080
11-9	11-10	183-11-08	139-18-07	6.042	-62814.512	-88122.944	-6.883	606550.223552
11-10	11-11	181-19-20	140-37-27	4.012	-62819.093	-88119.004	-7.682	676930.188728
11-11	11-12	179-35-06	140-12-33	4.003	-62822.194	-88116.459	-6.177	544295.367243
11-12	11-24	178-36-03	138-48-36	2.575	-62825.270	-88113.897	-5.014	441803.079558
11-24	11-32	54-23-44	13-12-20	16.078	-62827.208	-88112.201	13.715	-1208458.836715
11-32	11-31	180-00-09	13-12-29	2.315	-62811.555	-88108.528	17.907	-1577759.410896
11-31	11-23	89-57-10	283-09-39	18.464	-62809.301	-88107.999	6.458	-569001.457542
							倍面積	421.535103
							面積	210.7675515

地 番 : 11-5		内 角	方 向 角	距 離	[1]	[2]	[3]	[2]*[3]
器械点	視準点				X(i)	Y(i)	X(i+1)-X(i-1)	
11-22	11-23	90-06-18	193-15-59	6.497	-62798.773	-88124.487	-2.121	186912.036927
11-23	11-31	89-53-40	103-09-39	18.464	-62805.097	-88125.978	-10.528	927790.296384
11-31	11-30	90-03-38	13-13-17	6.497	-62809.301	-88107.999	2.121	-186877.065879
11-30	11-22	89-56-24	283-09-41	18.459	-62802.976	-88106.513	10.528	-927585.368864
							倍面積	239.898568
							面積	119.9492840

地 番 : 11-6		内 角	方 向 角	距 離	[1]	[2]	[3]	[2]*[3]
器械点	視準点				X(i)	Y(i)	X(i+1)-X(i-1)	
11-30	11-29	90-02-33	13-12-14	2.688	-62802.976	-88106.513	-1.586	139736.929618
11-29	11-28	179-58-41	13-10-55	3.416	-62800.359	-88105.899	5.943	-523613.357757
11-28	11-21	89-58-45	283-09-40	18.451	-62797.033	-88105.120	7.527	-663167.238240
11-21	11-22	90-06-28	193-16-08	6.104	-62792.832	-88123.086	-1.740	153334.169640
11-22	11-30	89-53-33	103-09-41	18.459	-62798.773	-88124.487	-10.144	893934.796128
							倍面積	225.299389
							面積	112.6496945

地 番 : 11-7		内 角	方 向 角	距 離	[1]	[2]	[3]	[2]*[3]
器械点	視準点				X(i)	Y(i)	X(i+1)-X(i-1)	
11-20	11-21	90-05-15	193-14-58	11.676	-62781.467	-88120.410	-7.166	631470.858060
11-21	11-28	89-54-42	103-09-40	18.451	-62792.832	-88123.086	-15.566	1371723.956676
11-28	11-27	90-02-18	13-11-58	11.675	-62797.033	-88105.120	7.166	-631361.289920
11-27	11-20	89-57-45	283-09-43	18.440	-62785.666	-88102.454	15.566	-1371402.798964
							倍面積	430.725852
							面積	215.3629260

地 器械点	番 : 視準点	9-7 内角	方向角	距離	[1] X(i)	[2] Y(i)	[3] X(i+1)-X(i-1)	[2]*[3]
9-29	9-30	90-01-03	13-13-27	12.887	-62697.752	-88060.047	9.059	-797735.965773
9-30	9-40	89-58-27	283-11-54	19.153	-62685.207	-88057.099	16.918	-1489750.000882
9-40	9-35	89-58-44	193-10-38	12.879	-62680.834	-88075.746	-8.167	719314.617582
9-35	9-34	90-06-02	103-16-40	3.884	-62693.374	-88078.682	-13.432	1183072.856624
9-34	9-29	179-55-44	103-12-24	15.259	-62694.266	-88074.902	-4.378	385591.920956

倍面積 493.428507  
面積 246.7142535

地 器械点	番 : 視準点	9-8-1 内角	方向角	距離	[1] X(i)	[2] Y(i)	[3] X(i+1)-X(i-1)	[2]*[3]
9-28	9-29	89-59-18	13-12-36	11.657	-62709.101	-88062.711	7.861	-692260.971171
9-29	9-34	89-59-48	283-12-24	15.259	-62697.752	-88060.047	14.835	-1306370.797245
9-34	9-41	89-57-45	193-10-09	11.653	-62694.266	-88074.902	-7.861	692356.804622
9-41	9-28	90-03-09	103-13-18	15.250	-62705.613	-88077.557	-14.835	1306630.558095

倍面積 355.594301  
面積 177.7971505

地 器械点	番 : 視準点	9-8-2 内角	方向角	距離	[1] X(i)	[2] Y(i)	[3] X(i+1)-X(i-1)	[2]*[3]
9-27	9-17	90-05-46	103-15-44	11.726	-62719.720	-88080.857	-16.797	1479494.155029
9-17	9-18	135-12-45	58-28-29	4.971	-62722.410	-88069.444	-0.091	8014.319404
9-18	9-28	134-38-39	13-07-08	10.997	-62719.811	-88065.207	13.309	-1172059.839963
9-28	9-41	90-06-10	283-13-18	15.250	-62709.101	-88062.711	14.198	-1250314.370778
9-41	9-27	89-56-40	193-09-58	14.488	-62705.613	-88077.557	-10.619	935295.577783

倍面積 429.841475  
面積 214.9207375

地 器械点	番 : 視準点	9-9 内角	方向角	距離	[1] X(i)	[2] Y(i)	[3] X(i+1)-X(i-1)	[2]*[3]
9-26	9-27	89-58-50	103-11-04	16.902	-62715.865	-88097.313	-29.309	2582044.146717
9-27	9-41	89-58-54	13-09-58	14.488	-62719.720	-88080.857	10.252	-903004.945964
9-41	9-34	180-00-11	13-10-09	11.653	-62705.613	-88077.557	25.454	-2241926.135878
9-34	9-35	90-06-31	283-16-40	3.884	-62694.266	-88074.902	12.239	-1077948.725578
9-35	9-36	179-52-50	283-09-30	8.896	-62693.374	-88078.682	2.917	-256925.515394
9-36	9-37	180-02-55	283-12-25	4.106	-62691.349	-88087.344	2.963	-261002.800272
9-37	9-26	89-59-49	193-12-14	26.145	-62690.411	-88091.341	-24.516	2159647.315956

倍面積 883.339587  
面積 441.6697935

地 器械点	番 : 視準点	11-8 内角	方向角	距離	[1] X(i)	[2] Y(i)	[3] X(i+1)-X(i-1)	[2]*[3]
11-27	11-19	90-02-32	13-12-15	9.137	-62785.666	-88102.454	4.696	-413729.123984
11-19	11-3	89-53-04	283-05-19	14.943	-62776.771	-88100.367	12.279	-1081784.406393
11-3	11-4	135-10-23	238-15-42	4.935	-62773.387	-88114.922	0.788	-69434.558536
11-4	11-20	134-59-07	193-14-49	5.634	-62775.983	-88119.119	-8.080	712002.481520
11-20	11-27	89-54-54	103-09-43	18.440	-62781.467	-88120.410	-9.683	853269.930030
							倍面積	324.322637
							面積	162.1613185
							合計	1998.5807230



B - 12

