

3 区 1 街区

| 求 積 (座標法による: $2F = \sum \{X_n(Y_{n+1} - Y_{n-1})\}$ )                                  |    |          |          |           |            |                     |                           |                |
|----------------------------------------------------------------------------------------|----|----------|----------|-----------|------------|---------------------|---------------------------|----------------|
| 街区番号                                                                                   | 点  | X<br>(m) | Y<br>(m) | $Y_n + 1$ | $-Y_{n-1}$ | $Y_{n+1} - Y_{n-1}$ | $2$                       | $F$            |
|                                                                                        |    |          |          |           |            |                     | $\times$                  | $=$            |
| 1 — 1                                                                                  | 8  | 967.276  | 762.853  | 768.869   | -815.889   | -47.020             |                           | -45481.317520  |
|                                                                                        | 9  | 989.951  | 768.869  | 771.218   | -762.853   | 8.365               | 8280.940115               |                |
|                                                                                        | 10 | 991.395  | 771.218  | 820.539   | -768.869   | 51.670              | 51225.379650              |                |
|                                                                                        | 11 | 978.256  | 820.539  | 821.863   | -771.218   | 50.645              | 49543.775120              |                |
|                                                                                        | 12 | 975.834  | 821.863  | 815.889   | -820.539   | -4.650              |                           | -4537.628100   |
|                                                                                        | 13 | 953.275  | 815.889  | 762.853   | -821.863   | -59.010             |                           | -56252.757750  |
|                                                                                        |    |          |          |           |            |                     | 109050.094885<br>1389.195 | -106271.703370 |
| 1 — 2                                                                                  | 7  | 953.599  | 759.224  | 762.853   | -812.267   | -49.414             |                           | -47121.140986  |
|                                                                                        | 8  | 967.276  | 762.853  | 815.889   | -759.224   | 56.665              | 54810.694540              |                |
|                                                                                        | 13 | 953.275  | 815.889  | 812.267   | -762.853   | 49.414              | 47105.130850              |                |
|                                                                                        | 14 | 939.599  | 812.267  | 759.224   | -815.889   | -56.665             |                           | -53242.377335  |
|                                                                                        |    |          |          |           |            |                     | 101915.825390<br>776.153  | -100363.518321 |
| 1 — 3                                                                                  | 6  | 924.741  | 751.567  | 759.224   | -777.914   | -18.690             |                           | -17283.409290  |
|                                                                                        | 7  | 953.599  | 759.224  | 812.267   | -751.567   | 60.700              | 57883.459300              |                |
|                                                                                        | 14 | 939.599  | 812.267  | 809.582   | -759.224   | 50.358              | 47316.326442              |                |
|                                                                                        | 15 | 929.460  | 809.582  | 782.901   | -812.267   | -29.366             |                           | -27294.522360  |
|                                                                                        | 18 | 936.544  | 782.901  | 777.914   | -809.582   | -31.668             |                           | -29658.475392  |
|                                                                                        | 17 | 917.754  | 777.914  | 751.567   | -782.901   | -31.334             |                           | -28756.903836  |
|                                                                                        |    |          |          |           |            |                     | 105199.785742<br>1103.237 | -102993.310878 |
| 1 — 4                                                                                  | 16 | 892.136  | 771.115  | 782.901   | -797.822   | -14.921             |                           | -13311.561256  |
|                                                                                        | 18 | 936.544  | 782.901  | 809.582   | -771.115   | 38.467              | 36026.038048              |                |
|                                                                                        | 15 | 929.460  | 809.582  | 797.822   | -782.901   | 14.921              | 13868.472660              |                |
|                                                                                        | 4  | 885.059  | 797.822  | 771.115   | -809.582   | -38.467             |                           | -34045.564553  |
|                                                                                        |    |          |          |           |            |                     | 49894.510708<br>1268.692  | -47357.125809  |
| <div style="text-align: center;"> <p>5.54.37 変更</p> <p>分割 区画 { 1-4 / 1-12 }</p> </div> |    |          |          |           |            |                     |                           |                |

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| 求 積 (座標法による: $2F = \sum \{X_n (Y_{n+1} - Y_{n-1})\}$ )   |    |         |         |                  |                   |                                    |              |               |
|----------------------------------------------------------|----|---------|---------|------------------|-------------------|------------------------------------|--------------|---------------|
| 街区番号                                                     | 点  | X (m)   | Y (m)   | Y <sub>n+1</sub> | -Y <sub>n-1</sub> | Y <sub>n+1</sub> -Y <sub>n-1</sub> | 2            | F             |
|                                                          |    |         |         |                  |                   |                                    | +            | -             |
| 1 - 5                                                    | 5  | 901.148 | 745.308 | 751.567          | -746.702          | 4.865                              | 4384.085020  |               |
|                                                          | 6  | 924.741 | 751.567 | 777.914          | -745.308          | 32.606                             | 30152.105046 |               |
|                                                          | 17 | 917.754 | 777.914 | 771.115          | -751.567          | 19.548                             | 17940.255192 |               |
|                                                          | 16 | 892.136 | 771.115 | 746.702          | -777.914          | -31.212                            |              | -27845.348832 |
|                                                          | 19 | 898.605 | 746.702 | 745.308          | -771.115          | -25.807                            |              | -23190.299235 |
|                                                          |    |         |         |                  |                   |                                    | 52476.445258 | -51035.648067 |
| $\frac{2.58 \times 9.29}{5} = 4.865$<br>$\frac{3.5}{12}$ |    |         |         |                  |                   |                                    | 720.398      |               |
| 1 - 6                                                    | 5  | 914.600 | 693.630 | 700.956          | -695.076          | 5.880                              | 5377.848000  |               |
|                                                          | 6  | 942.206 | 700.956 | 746.734          | -693.630          | 53.104                             | 50034.907424 |               |
|                                                          | 16 | 929.980 | 746.734 | 739.474          | -700.956          | 38.518                             | 35820.969640 |               |
|                                                          | 17 | 902.585 | 739.474 | 737.028          | -746.734          | -9.706                             |              | -8760.490010  |
|                                                          | 18 | 901.163 | 737.028 | 695.076          | -739.474          | -44.398                            |              | -40009.834874 |
|                                                          | 19 | 912.253 | 695.076 | 693.630          | -737.028          | -43.398                            |              | -39589.955694 |
|                                                          |    |         |         |                  |                   |                                    | 91233.725064 | -88360.280578 |
|                                                          |    |         |         |                  |                   |                                    | 1436.722     |               |
| 1 - 7                                                    | 6  | 942.206 | 700.956 | 705.943          | -746.734          | -40.791                            |              | -38433.524946 |
|                                                          | 7  | 960.997 | 705.943 | 751.709          | -700.956          | 50.753                             | 48773.480741 |               |
|                                                          | 15 | 948.757 | 751.709 | 746.734          | -705.943          | 40.791                             | 38700.746787 |               |
|                                                          | 16 | 929.980 | 746.734 | 700.956          | -751.709          | -50.753                            |              | -47199.274940 |
|                                                          |    |         |         |                  |                   |                                    | 87474.227528 | -85632.799886 |
|                                                          |    |         |         |                  |                   |                                    | 920.713      |               |
| 1 - 8                                                    | 7  | 960.997 | 705.943 | 710.606          | -737.489          | -26.883                            |              | -25834.482351 |
|                                                          | 8  | 978.569 | 710.606 | 742.152          | -705.943          | 36.209                             | 35433.004921 |               |
|                                                          | 21 | 970.132 | 742.152 | 737.489          | -710.606          | 26.883                             | 26080.058556 |               |
|                                                          | 20 | 952.560 | 737.489 | 705.943          | -742.152          | -36.209                            |              | -34491.245040 |
|                                                          |    |         |         |                  |                   |                                    | 61513.063477 | -60325.727391 |
|                                                          |    |         |         |                  |                   |                                    | 593.668      |               |
|                                                          |    |         |         |                  |                   |                                    |              |               |

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|--------------------------------------------------------|----|----------|---------|------------------|-------------------|------------------------------------|-------------------------|---------------|
| 街区番号                                                   | 点  | X (m)    | Y (m)   | Y <sub>n+1</sub> | -Y <sub>n-1</sub> | Y <sub>n+1</sub> -Y <sub>n-1</sub> | 2                       | F             |
|                                                        |    |          |         |                  |                   |                                    | +                       | -             |
| 1-9                                                    | 14 | 966.330  | 756.366 | 751.709          | -742.152          | 9.557                              | 9235.215810             |               |
|                                                        | 15 | 948.757  | 751.709 | 737.489          | -756.366          | -18.877                            |                         | -17909.685889 |
|                                                        | 20 | 952.560  | 737.489 | 742.152          | -751.709          | -9.557                             |                         | -9103.615920  |
|                                                        | 21 | 970.132  | 742.152 | 756.366          | -737.489          | 18.877                             | 18313.181764            |               |
|                                                        |    |          |         |                  |                   |                                    | 27548.397574<br>267.547 | -27013.301809 |
| 1-10                                                   | 8  | 978.569  | 710.606 | 717.022          | -736.588          | -19.566                            |                         | -19146.681054 |
|                                                        | 9  | 1002.748 | 717.022 | 720.667          | -710.606          | 10.061                             | 10088.647628            |               |
|                                                        | 10 | 1004.786 | 720.667 | 743.770          | -717.022          | 26.748                             | 26876.015928            |               |
|                                                        | 11 | 998.696  | 743.770 | 736.588          | -720.667          | 15.921                             | 15900.239016            |               |
|                                                        | 22 | 971.620  | 736.588 | 710.606          | -743.770          | -33.164                            |                         | -32222.805680 |
|                                                        |    |          |         |                  |                   |                                    | 52864.902572<br>747.707 | -51369.486734 |
| 1-11                                                   | 11 | 998.696  | 743.770 | 761.626          | -736.588          | 25.038                             | 25005.350448            |               |
|                                                        | 12 | 993.988  | 761.626 | 763.048          | -743.770          | 19.278                             | 19162.100664            |               |
|                                                        | 13 | 991.545  | 763.048 | 756.366          | -761.626          | -5.260                             |                         | -5215.526700  |
|                                                        | 14 | 966.330  | 756.366 | 736.588          | -763.048          | -26.460                            |                         | -25569.091800 |
|                                                        | 22 | 971.620  | 736.588 | 743.770          | -756.366          | -12.596                            |                         | -12238.525520 |
|                                                        |    |          |         |                  |                   |                                    | 44167.451112<br>572.153 | -43023.144020 |
|                                                        |    |          |         |                  |                   |                                    |                         |               |
|                                                        |    |          |         |                  |                   |                                    |                         |               |

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|--------------------------------------------------------|----|----------|----------|------------------|-------------------|------------------------------------|--------------|---------------|
| 街区番号                                                   | 点  | X<br>(m) | Y<br>(m) | Y <sub>n+1</sub> | -Y <sub>n-1</sub> | Y <sub>n+1</sub> -Y <sub>n-1</sub> | 2            | F             |
|                                                        |    |          |          |                  |                   |                                    | +            | -             |
| 1-4                                                    | 15 | 929.460  | 809.582  | 804.357          | -782.901          | 21.456                             | 19942.493760 |               |
|                                                        | 21 | 909.735  | 804.357  | 777.663          | -809.582          | -31.919                            |              | -29037.831465 |
|                                                        | 20 | 916.809  | 777.663  | 782.901          | -804.357          | -21.456                            |              | -19671.053904 |
|                                                        | 18 | 936.544  | 782.901  | 809.582          | -777.663          | 31.919                             | 29893.547936 |               |
| 1-12                                                   |    |          |          |                  |                   |                                    | 49836.041696 | -48708.885369 |
|                                                        |    |          |          |                  |                   |                                    | 563.578      |               |
|                                                        | 21 | 909.735  | 804.357  | 797.822          | -777.663          | 20.159                             | 18339.347865 |               |
|                                                        | 4  | 885.059  | 797.822  | 771.115          | -804.357          | -33.242                            |              | -29421.131278 |
|                                                        | 16 | 892.136  | 771.115  | 777.663          | -797.822          | -20.159                            |              | -17984.569624 |
|                                                        | 20 | 916.809  | 777.663  | 804.357          | -771.115          | 33.242                             | 30476.564778 |               |
|                                                        |    |          |          |                  |                   |                                    | 48815.912643 | -47405.700902 |
|                                                        |    |          |          |                  |                   |                                    | 705.105      |               |
|                                                        |    |          |          |                  |                   |                                    |              |               |
|                                                        |    |          |          |                  |                   |                                    |              |               |
|                                                        |    |          |          |                  |                   |                                    |              |               |
|                                                        |    |          |          |                  |                   |                                    |              |               |

[illegible]