

点検計算書（水平）

多角測量座標計算簿 (点検計算)

路線番号	夾角 β $\delta\beta$	方向角 α	自 距離 S	S cos α Δx	至 S sin α Δy	x Δx δx	y Δy δy
No.296		12 53 29				-43848.49	-10745.248
No.295	81 42 14	94 15 43	137.575			- 2.792	+ 37.471
B.1	264 47 15	179 2 58	137.697			- 37.692	+ 0.625
B.2	191 25 14	190 28 1	27.840			- 27.377	- 5.058
B.3	59 51 58	90 19 59	46.307			- 0.269	+ 46.306
B.4	187 12 25	97 32 24	40.155			- 5.269	+ 39.808
B.5	267 43 23	185 5 47	45.794			- 45.613	- 4.068
B.7	176 47 15	181 43 2	22.748			- 22.738	- 0.682
No.325	106 54 20	108 37 22					
No.327							
$\Sigma \beta =$		$\Sigma S =$	258.116		$\Sigma (+)$	0.000	124.210
$-(N \pm 1) \cdot 180 =$		$\Sigma \delta \beta =$			$\Sigma (-)$	- 141.750	- 9.808
+da =		$ds = \sqrt{\Delta x^2 + \Delta y^2}$			$\Sigma \Delta Y \Sigma \Delta X$	- 141.750	+ 114.402
-db =		$ds / \Sigma S =$	0.0278		Y_{0i}, X_{0i}	- 43848.49	- 10745.248
$\Sigma \delta \beta =$		=	1/ 9284		Y'_i, X'_i	- 43990.169	- 10630.846
					Y_i, X_i	- 43990.147	- 10630.829
					$\Sigma \delta Y, \Sigma \delta X$	0.022	- 0.017
	制限値		制限値				
	N =						

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路線番号	夾角 β $\delta\beta$	方向角 α	自 距離 S	S $\cos\alpha$ Δx	至 S $\sin\alpha$ Δy	x Δx δx	y Δy δy
No. 235		77.22.31				-43.852.171	-10.629.300
No. 224	107.19	6.184.51.9	65.077			-64.951	-2.967
B. 6	165.2	42.169.53.51	65.228			-64.682	+6.179
B. 5	195.11	26.185.5.17	45.794			-45.614	-4.061
B. 7	176.67	15.181.42.32	22.748			-22.738	0.678
No. 225	106.54	20.108.6.52					
No. 237							
$\Sigma\beta =$			$\Sigma S =$	138.847	$\Sigma(+)$	0.000	6.179
$-(N\pm 1) \cdot 180 =$			$\Sigma\delta\beta =$		$\Sigma(-)$	107.985	-7.706
+da =		$ds = \sqrt{\Delta x^2 + \Delta y^2}$			$\Sigma\Delta Y \Sigma\Delta X$	137.985	-1.527
-db =		$ds / \Sigma S =$	0.0092		Y_{0i}, X_{0i}	-43.852.171	-10.629.300
$\Sigma\delta\beta =$		= 1/	15092		Y'_i, X'_i	-43.990.156	-10.630.827
					Y_i, X_i	-43.990.147	-10.630.829
					$\Sigma\delta Y, \Sigma\delta X$	-0.009	+0.002
	制限値		制限値				
	N =						