

Test Yourself




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Rotate, Translate, Scale

Line AB's azimuth and distance are $297^{\circ}42'18''$, 2233.44 feet, respectively. The coordinates of A are 1246.89 feet North and 7271.41 feet East. Suppose AB is rotated $98^{\circ}36'36''$ counterclockwise and it is shortened by exactly 3.6% and

Point A is moved 321.48 feet South and 1249.76 feet West. After this rotation, scaling and translation, what are the coordinates of B?

For the solution to this problem please visit our website at: *www.TheAmericanSurveyor.com*. Good luck! 



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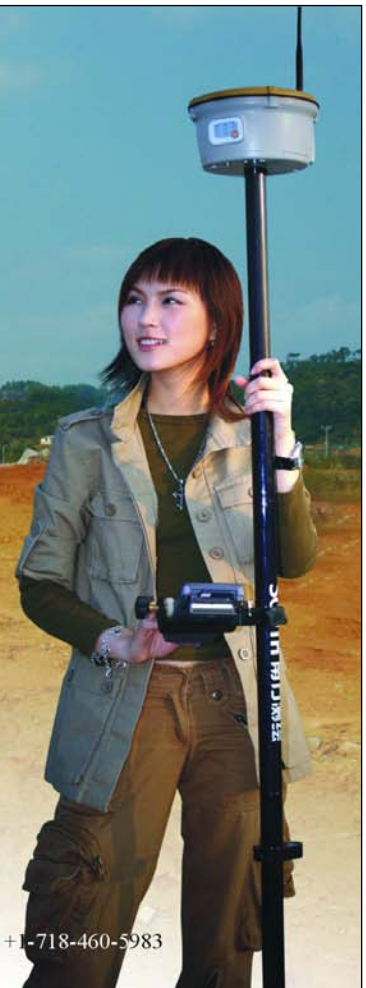
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