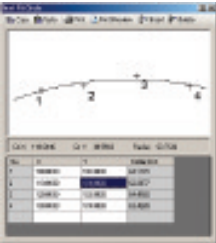


Engineering Calculator

Best Fit Circle



Calculates a circle based on a least squares best fit from each possible 3 point solution and sort the feature codes into a priority list.

Best Fit Line



Fits a line between a group of points using least squares.

Best Fit Points



Finds the optimum centre of a group of points using least squares. Also displays the mean position.

Least squares Transformation

Used to determine the best fit of two sets of data points, reporting the optimum shift, rotations and scale.

The second tab allows the user to enter points that need to be transformed by the resulting parameters.



Parallel Lines

Enter the x and y values of points along a line and a distance to offset the line by.

The resulting coordinates will be displayed in the results grid.

