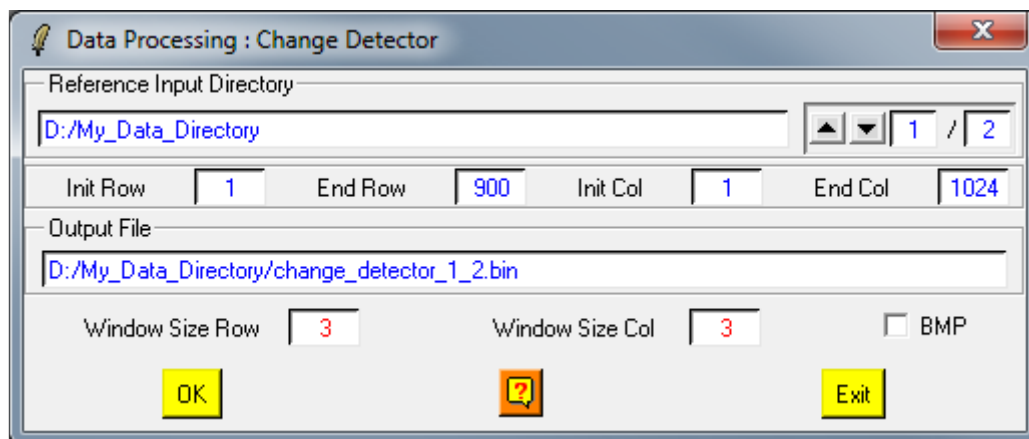


## Change Detector



### Description:

Creates binary files corresponding to change detection between two polarimetric raw binary data sets.

An option may be set to simultaneously create the corresponding bitmap image files

The change detection is based on the derivation of the statistical similarity parameter.

### Comments:

Parameters written in Red can be modified directly by the user from the keyboard.

### Input/Output Arguments:

<b>Input Directory</b>	Indicates the complete location of the considered <b>Main Directory (MD)</b> containing the data to be processed.
<b>Output Directory</b>	Indicates the location of the processed data output directory. The default value is set automatically to : <b>Main Directory (MD)</b> .

### Output Image Number of Rows/Columns:

The output image numbers of rows and columns are initialised to the input data set dimensions.

Users wishing to process a sub-part of the initial image can modify the **Init** and **End** values of the converted images rows and columns.

Note: init and end values have to remain within the range defined by the input image dimensions.

## Processing Parameters:

**Window size**      Users have to set the size of the ( $N \times N$ ) sliding window used to compute the local estimate of the average matrix.  
The default value of  $N$  is set to **7**.

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