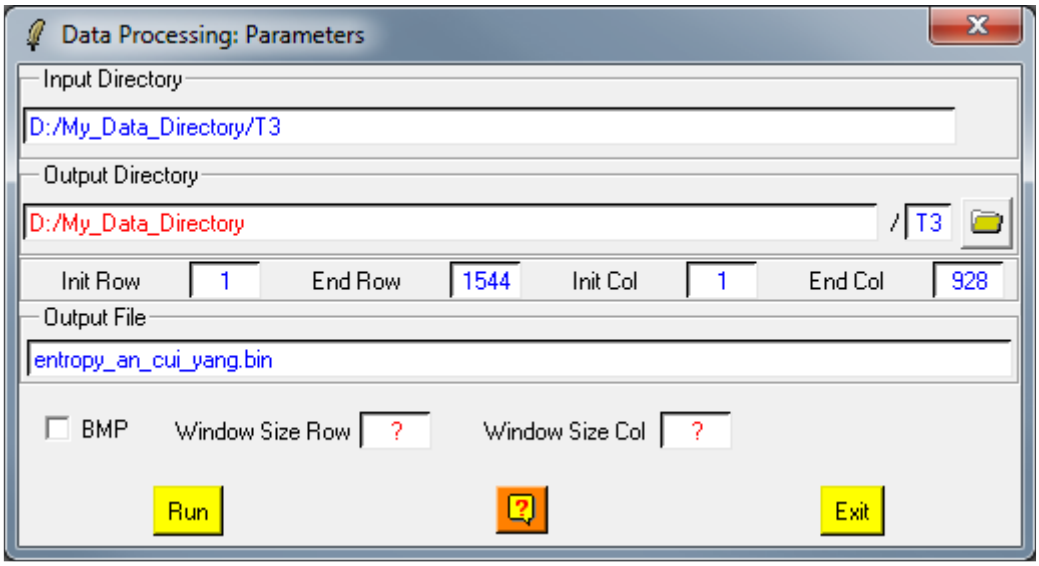
Parameters



Description:

Creates binary files corresponding to different parameters constructed from polarimetric raw binary data.
An option may be set to simultaneously create the corresponding bitmap image files

The different proposed polarimetric functionalities are :

- Faraday rotation estimation
- Conformity coefficient
- Scattering predominance
- Scattering diversity
- Degree of purity
- Depolarisation index
- Alpha approximation (Praks & Colin)
- Alpha approximation (An, Cui & Yang)
- Entropy approximation (Praks & Colin)
- Entropy approximation (An, Cui & Yang)
- Scattering mechanism entropy (Freeman)
- Scattering mechanism entropy (Van Zyl)
- Kozlov Anisotropy
- Lueneburg Anisotropy
- RVOG PolSAR inversion
- Polarisation orientation estimation

Comments:

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

Input/Output Arguments:

Input Directory	Indicates the complete location of the considered **Main Directory (MD)** containing the **[S2]** matrix data to be processed.
Output Directory	Indicates the location of the processed data output directory. The default value is set automatically to : **Main Directory (MD)**.

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*N) sliding window used to compute the local estimate of the average matrix. The default value of N is set to **7**.