

RunRemoveMean Documentation

Usage

The program is used as follows:

`runRemoveMean` inputFileName

Where the inputFileName is in our standard [file format](#).

Output

The output of the program appears in two places:

- (1) A copy of the output data is placed on standard out.
- (2) A copy of the output data is placed in the file lastDataOutput .

Theory

Our algorithm uses the equation

$$(1.1) \quad H(i) = G(i) - aver$$

where

$$(1.2) \quad aver = \sum_{i=-\infty}^{\infty} G(i)$$

A gated version would be

$$(1.3) \quad aver = \sum_{i=-N}^N G(i)$$

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