Modification history Pymagra

Version 25.5.1	
27/05/2025	Modify inversion of analytic signal, make half-width for search of maximum user defined, change size of measurement point markers
01/05/2025	When changing data file don't ask if only two files exist. Correct file names in Spector1D. Correct heights in synthetic model.
30/04/2025	Correct error when interpolating after having joined two data blocks
Version 25.4.1	
23/04/2025	Correction sign error in 2.5D inversion, add plotting of data point positions, change color scale for synthetic data.
22/04/2025	Correction of parameter variability vs depth calculation, save synthetic model results into folder "direct"
21/04/2025	Correction for reading single-sensor Geometrics *.stn data.
19/04/2025	Solved issue with closing floating windows
16/042025	After every iteration, the average parameters of the initial layers are set to zero or the minimum is set to near zero if positivity constraint is activated.
Version 25.3.2	
10/03/2025	Corrections gravity inversion
Version 25.3.1	
09/03/2025	Corrections 2.5D inversion with and without topography.
21/02/2025	Correction of mistake in interpolation if less than 3 points exist
19/02/2025	Corrections for aeromagnetic data format
15/02/2025	Integration of topography in inversion
03/02/2025	Plot misfit evolution for 2.5D inversion; corrections in 2.5D inversion if nans are present; choice to fill holes or not during interpolation.
16/01/2025	Correction of line choice when coordinate system in km: correction of apparent field declination when choosing E-W lines.
09/12/2024	Integration of positivity constraint for inversion
02/12/2024	Close windows when single lines were modified; correct error in diurnal corrections when data contain Nones;
20/11/2024	Restructure files for relative package import and for installation with pip, upload wheel to PyPi; Modify manual correspondingly. Change version numbering to yy.mm.version_of_month (yy = year, mm=month)