

Review of ERUO: a spectral processing routine for the MRR-PRO

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1 Short description

In this paper, the authors introduce an alternative spectral processing system (ERUO) for processing the raw data produced by the new Micro Rain Radar (MRR-Pro). ERUO aims to minimise interference lines and other issues that affect the MRR-Pro. Comparison between the output from the original software and ERUO shows that ERUO reduced the interference line effects and improved the sensitivity.

The processing system (ERUO) is a good contribution to the radar community, especially for those who work with the MMR-Pro and experienced similar problems. I, therefore, recommend this paper for publication at AMT, but I ask the authors to address the minor technical issues listed below.

2 Typos

1. Section 3.2.1, line 197:
” $\mathbf{S}^{(cs)}(t_j, i, n)$ The first guess of (missing period)”
2. Appendix B, line 770:
”a normal transfer function function (repeated function)”
3. Appendix C :
” $\mathbf{EXC}(t, n)$ Matrix of the **measurments** (typo)”
4. Appendix C :
” $\mathbf{S}^{(cs)}(t, i, n)$ Clear-sky estimate of the power **retur**(typo)”