

***Interactive comment on “Lidar-Radiometer
Inversion Code (LIRIC) for the retrieval of vertical
aerosol properties from combined lidar/radiometer
data: development and distribution in EARLINET”
by A. Chaikovsky et al.***

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Received and published: 6 January 2016

The authors thank the Referee for a thorough reading of the manuscript and helpful comments. We have responded to the all comments, namely,

1) P. 12772, LL. 15-16 Remove "|", "(", and ")" in the sentence, Equations (6) and (8) allow for| these - in a similar manner “(“Chaikovsky - 2000”)”.

You are right, we have corrected the misprints.

C4746

2) P. 12782, LL. 14-21 and Figure 10b D(2), rms_dev(2), D(3), and rms_dev(3) are used in the text, but D(1), rms_dev(1), D(2), and rms_dev(2) are used in the figure.

These misprints were corrected in the proofs: the figure capture was changed to match the figure inset.

3) P. 12783, LL. 4-10 and Figure 12 fine(3), coarse(3), fine(4), and coarse(4) are used in the text and the figure caption, but fine(2), coarse(2), fine(3), and coarse(3) are used in the figure.

You are right, we have corrected the misprints: the figure capture was changed to match the figure inset.

4) P. 12786, L8, Eq. A5 The “hi” in the parentheses of $\text{Beta}_{\text{ef}_r}$ in the denominator. Is the “h” is correct?

You are right, we have corrected the equation.

5) P. 12788, L11, Eq. B1 $\exp(-2\tau_r)$

You are right, we have corrected the misprint.

Interactive comment on Atmos. Meas. Tech. Discuss., 8, 12759, 2015.

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