

Title: Look-up tables for complex refractive index correction of particle sizes measured by common research-grade optical particle counters

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MS No.: ar-2026-20

Dear editor

We thank you for the positive and rapid evaluation. Here below find our point by point responses in blue.

I am satisfied with the current state of the manuscript and recommend publication after the implementation of technical corrections, which will not necessitate my own proofreading.

Comments :

Line 198 please suppress the term “midpoint”. In addition, change the D_{mid} to D_{geo} in equation 1.

This is now corrected

Figure 2 does not contain any dotted line. Please correct the text on lines 301-302 or the figure.

This is now corrected

DOI of the DATA TERRA still does not respond.

We can actually access the Data TERRA with the URL provided see screenshot below

The screenshot displays the EasY Data website interface. The header includes the site logo and navigation links. The main content area features a large satellite image background with the title "Look-up tables resolved by complex refractive index to correct particle sizes measured by common res...". Below the title, there are buttons for "Voir plus", "Citation / Citation", and "Télécharger les metadonnées". The citation text is displayed in a white box, and the DOI is provided at the bottom. The footer contains information about the project's funding and support.

Langue utilisée / Language: English

Look-up tables resolved by complex refractive index to correct particle sizes measured by common res...

Voir plus

Citation / Citation: html, text, ris, bibtex

Télécharger les metadonnées: JSON, PDF, XML, DATACITE, ZIP

“ FORMENTI Paola (French National Centre for Scientific Research (Paris - France)) (2026). Look-up tables resolved by complex refractive index to correct particle sizes measured by common research-grade optical particle counters. <https://doi.org/10.57932/36ba1ebc-604c-4d6c-a3a8-7dc2de952241> ”

DOI: <https://doi.org/10.57932/36ba1ebc-604c-4d6c-a3a8-7dc2de952241> Télécharger le dataset(zip)

Service porté par l'IR Data Terra et développé par le BRGM

Ce travail a bénéficié d'une aide gérée par l'Agence Nationale de la Recherche au titre du programme Investissements d'Avenir Equipex+ GAIA Data n° ANR-21ESRE-0010

A propos Contact Mentions légales

Please be advised that the labels on the x-axis and y-axis of certain figures have been cut (figure 2 and 4). Please ensure that the font sizes of the x-axis and y-axis labels are consistent.

This is now corrected