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International Journal of Computer Applications

© 2014 by IJCA Journal

Volume 85 - Number 3

Year of Publication: 2014

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10.5120/14821-3052

{bibtex}pxc3893052.bib{/bibtex}

Abstract

In this study, an algorithm was developed to measure the volume and the covered area by the dust particles, and the radius of dust particle deposited for different time hours of the day. Slices transparent glass has been used to collect samples of dust particle deposited for different time of the day in Rusafa area of Baghdad city, were taken digital image of the samples through an optical microscope (EYEPIECE 10X). What have been noticeable are the difference in radii and areas of dust particles deposited as well as the difference in the density of dust particles for each slice according to time that put the slice to deposition.

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Index Terms

Computer Science

Applied Sciences

Keywords

Dust particle Atmospheric Aerosols.