List of Publications

Jouni Peltoniemi

February 21, 2018

A. Refereed scientific articles

[1] Edward Bowell, Bruce Hapke, Kari Lumme, Deborah Domingue, Jouni I. Peltoniemi, and Alan W. Harris. Application of Photometric Theories to Asteroids. In Richard P. Binzel, Tom Gehrels, and Mildred Shapley Matthews, editors, *Asteroids II*, pages 524–556. The University of Arizona Press, Tucson, 1989.

[2] Karri Muinonen, Kari Lumme, Jouni I. Peltoniemi, and William M. Irvine. Light Scattering by Randomly Oriented Crystals. *Appl. Opt.*, 28(15):3051–3060, August 1989.

[3] Jouni I. Peltoniemi, Kari Lumme, Karri Muinonen, and William M. Irvine. Scattering of Light by Stochastically Rough Particles. *Appl. Opt.*, 28(19):4088–4095, October 1989.

[4] Kari Lumme, Jouni I. Peltoniemi, and William M. Irvine. Some Photometric Techniques for Atmosphereless Solar System Bodies. *Adv. Space Res.*, 10(1):187–193, 1990.

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[10] Jouni I. Peltoniemi and Kari Lumme. Radiative Transfer in Stochastically Bounded Densely Packed Particulate Media. In *ICO Topical Meeting on Atmospheric, Volume and Surface Scattering and Propagation, DIGEST*, pages 219–222, 1991.

[11] Jouni I. Peltoniemi, Kari Lumme, and William M. Irvine. Interpretation of the Surface Brightness of Phobos. *Planet. Space Sci.*, 39(1/2):335–340, 1991.

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[13] Jouni I. Peltoniemi. Radiative transfer in stochastically inhomogeneous media. *J. Quant. Spectrosc. Radiat. Transfer*, 50(6):655–671, 1993.

[14] Sauli Jämsä, Jouni I. Peltoniemi, and Kari Lumme. Thermal emission from a rough surface: ray optics approach. *Astron. Astrophys.*, 271:319–325, 1993.

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B. Unrefereed scientific articles

[67] Jouni I. Peltoniemi, Juha Suomalainen, Eetu Puttonen, Jyri Näränen, and Miina Rautiainen. Measurement of reflectance properties of arctic–boreal land cover types. *Biogeosciences Discussions*, 2008.

C. Monographies

[68] Michel M. Verstraete, Massimo Menenti, and Jouni I. Peltoniemi, editors. *Observing Land From Space: Science, Customers and Technology*. Kluwer, 2000.

D. Professional articles

[69] Miina Rautiainen, Pauline Stenberg, Janne Heiskanen, Matti Mõttus, Lauri Korhonen, Jouni Peltoniemi, Juha Suomalainen, Sanna Kaasalainen, and Terhikki Manninen. Metsän kaukokartoituksen perustutkimus? *Metsätieteen Aikakauskirja*, 2:117–126, 2008.

G. Thesis

[70] Jouni Peltoniemi. Valon sirontaa stokastisista kappaleista. Master's thesis, University of Helsinki, 1988.

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