

## ***Interactive comment on “Optimal use of Prede POM sky radiometer for aerosol, water vapor, and ozone retrievals” by Rei Kudo et al.***

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Received and published: 28 December 2020

Some comments from the reviewers that came a bit late and you can consider in the revision phase:

Page 4, line 115- : The authors use the words "irradiance" and "radiance". "Irradiance" normalized by a solid view angle is "radiance". In this paper, diffuse radiance  $R$  is defined as a ratio of diffuse irradiance to direct irradiance. However, the definition of radiance is not clear. For example, "the diffuse radiances" in line 122 of this page might be irradiance. I suggest checking these words "irradiance" and "radiance".

Page 5, lines 156-157 : "shading cube" should be "shading ball".

Page 17, eq.(15) : This equation is mathematically incorrect. If they assume this equa-

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tion, the relationship between  $T$  and AOD is expressed by eq.(17). I understand it, but some descriptions on this matter are kind to readers.

best regards SK

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Interactive comment on Atmos. Meas. Tech. Discuss., doi:10.5194/amt-2020-486, 2020.