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Radiative Transfer Theory In The Ocean Path Radiance - RT Equation  $DL(\theta, \varphi)/dr = -C(z) L(z, \theta, \varphi) + \int 4\pi \beta(z, \theta, \varphi; \theta', \varphi') L(\theta', \varphi') D\Omega'$  We Measure As A Function Of Depth Rather Than Pathlength  $Z R \theta R = Z / \text{Cos}\theta \text{Cos}\theta dL(\theta, \varphi)/dz = -C(z) L(z, \theta, \varphi) + \int 4\pi \beta(z, \theta, \varphi; \theta', \varphi') L(\theta', \varphi') D\Omega'$  8th, 2024

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The Inconsistency Of Its Absorption Feature. Radiative Transfer Theory Can Characterize The Optical Behavior (e.g., Reflectance) Of A Mixture Based On The Properties Of Grains Within The Mixture (Hapke, 1981). Major Factors That Affect The Optical Behavior Of A Mixture Include Sizes And Absorbance Of Grains, Porosity And Viewing Geometry. 14th, 2024

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The Selected Optical Depth And Properties Were Then Taken To Be The Retrieved Values. This Section Briefly Describes The Method Used To Identify Cloud-free Fields Of View, The Aerosol Models Along With The Radiative Transfer Model Used To Calculate The Reflectances, And The Procedures Used To Extract Aerosol Properties By Comparing The Observed And 2th, 2024

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As Problems In Radiative Transfer. A Robust Theory Of Atmospheric Optical Phenomena Must Include The Role Of Multiple Scattering Of Light. This Article Is, Therefore, Designed To Develop Simple Radiative Transfer Models That Show How The Radiance And Color Of Atmospheric Optical Phenomena Depend On The Optical Depth Of The Cloud And Clear Air ... 17th, 2024

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