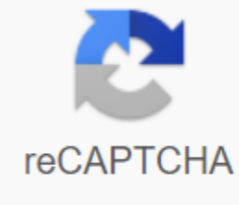




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There are currently at least 100 papers in the literature in which the diffuse reflection method is no doubt used to obtain an approximate spectrum of solid absorption in visible and near UV, or in which attempts are made to overcome the recognized limitations of the method, namely, that the diffuse reflection spectrums are not always identical to the transmission spectrums. Some of the theories proposed to account for the difference will be discussed, those that supposedly allow us to calculate absorption rates from diffuse reflection data: the Kubenka-Munch dilution model, the Johnson plate model, and the Melamed model. Diffuse reflection of the diffuse spectrum of reflection of the multiple reflection of the diffuse reflection of the spectroscopy Curve Reflection These keywords were added by the machine, not the authors. This process is experimental and keywords can be updated as the learning algorithm improves. 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Learn about our remote access options Prerequisites for the applicability of Kubelka-Munk diffuse theory to produce characteristic color curved powders, and some experimental support for the theory is given. The methods of eliminating the reflection of the surface, which is always superimposed on the diffuse reflection and which therefore distorts the spectrum, are described. The effect of interactions with adsorbent on the spectrums of reflection of adsorbed molecules is demonstrated by examples, the special suitability of the method of chemisorbing and subsequent reactions at the phase boundaries is indicated. Similar to the Beer-Lambert Act, the Kubelka-Munk function can be used for quantitative photometric analysis. White standards reflection curves are presented and measurements related to the conditions of infinitely thick layers are reported. The Kubelka-Munk scattering factor has been rated for several samples of color filters as a grain-sized and wavelength function. 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