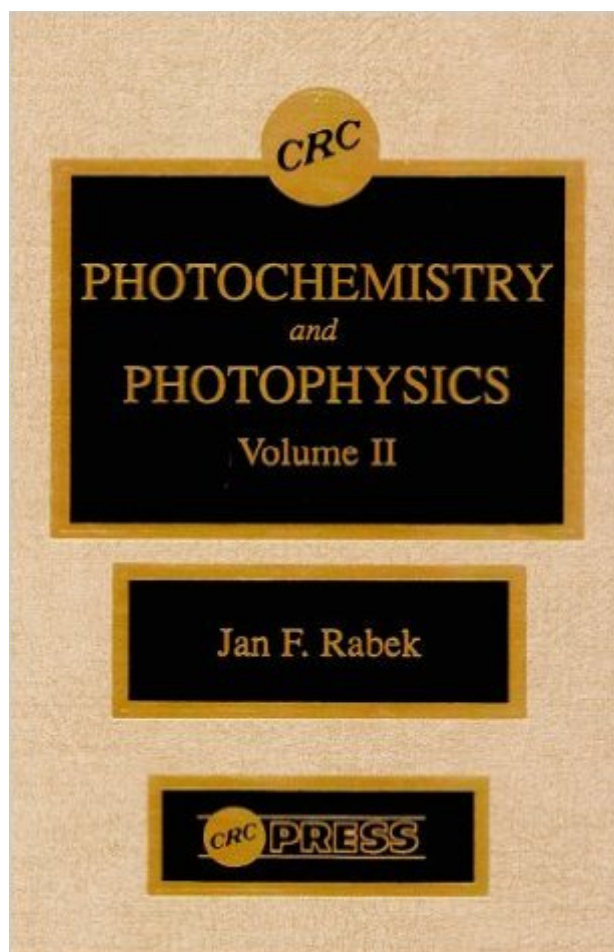


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Photochemistry And Photophysics, Volume II



Synopsis

This comprehensive title presents a highly coherent critical review of photochemistry and photophysics, including inorganic, organic, atmospheric, environmental, material, biological and polymer fields. This collection of papers presents state-of-the-art developments in these areas. The book describes the increasing scientific and technological importance of photochemistry and photophysics. Areas covered include solar energy utilization, photosynthesis, photochemistry and atmosphere, photopolymerization and photocuring, and photoimaging or highly photoresponsive systems (photosensors). Also addressed in this one-of-a-kind reference is the practical application of a number of photochemical processes in reprography, microelectronics, and holography. The book clarifies how photobiology and molecular photochemistry have given much new information on processes which occur in organisms under light irradiation, or through emission of light by living matter. It presents how the application of lasers on an industrial scale has solved problems of such complicated and expensive technologies as isotope separations. These volumes are of great value to those involved in photochemical and photophysical research, and to graduate or advanced undergraduate students as a source of up-to-date information.

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