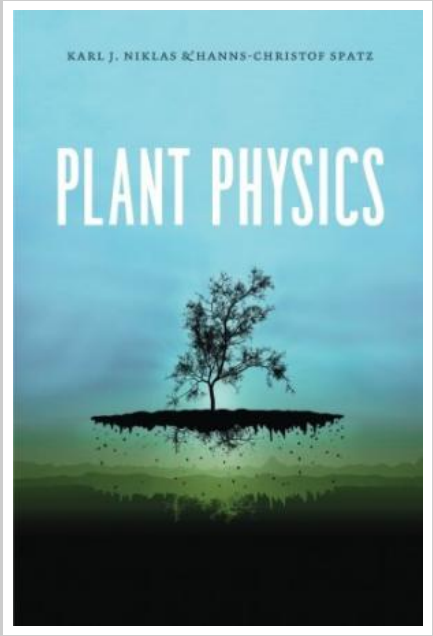


DOWNLOAD PDF

Plant Physics (Paperback)

By Karl J. Niklas, Hanns-Christof Spatz

The University of Chicago Press, United States, 2014. Paperback. Book Condition: New. Reprint. 229 x 152 mm. Language: English . Brand New Book. From Galileo, who used the hollow stalks of grass to demonstrate the idea that peripherally located construction materials provide most of the resistance to bending forces, to Leonardo da Vinci, whose illustrations of the parachute are alleged to be based on his study of the dandelion s pappus and the maple tree s samara, many of our greatest physicists, mathematicians, and engineers have learned much from studying plants. A symbiotic relationship between botany and the fields of physics, mathematics, engineering, and chemistry continues today, as is revealed in Plant Physics. The result of a long-term collaboration between plant evolutionary biologist Karl J. Niklas and physicist Hanns-Christof Spatz, Plant Physics presents a detailed account of the principles of classical physics, evolutionary theory, and plant biology in order to explain the complex interrelationships among plant form, function, environment, and evolutionary history. Covering a wide range of topics - from the development and evolution of the basic plant body and the ecology of aquatic unicellular plants to mathematical treatments of light attenuation through tree canopies and the movement of water...

READ ONLINE
[5.67 MB]

Reviews

This created ebook is wonderful. I could possibly comprehended everything out of this created e ebook. Its been designed in an remarkably easy way and is particularly just after i finished reading through this ebook by which basically modified me, affect the way i believe.

-- ***Verner Langworth III***

If you need to adding benefit, a must buy book. Better then never, though i am quite late in start reading this one. I am effortlessly could possibly get a satisfaction of reading a created pdf.

-- ***Trever Von***