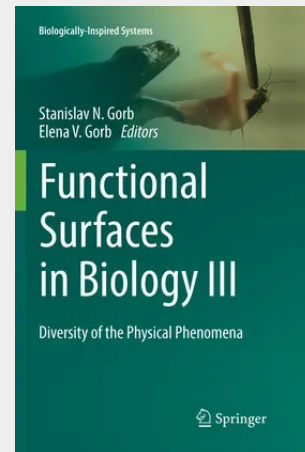


Functional Surfaces in Biology III

Diversity of the Physical Phenomena

This book is devoted to the rapidly growing area of science dealing with structure and properties of biological surfaces in their relation to particular functions. This volume, written by a team of specialists from different disciplines, covers various biological surface functions: sensing, coloration, attachment, drag reduction, moisture harvesting, etc. Because biological surfaces have a virtually endless potential of technological ideas for the development of new materials and systems, inspirations from biology could also be interesting for a broad range of topics in surface engineering. This volume together with two previous volumes "Functional Surfaces in Biology" (vols. 1 & 2 published in 2009) taken together, present a good reference for a novice in the field. The book is intended for use by researchers who are active, or intend to become active, in the field. The appeal of this topic is expected to be broad, ranging from classical biology, biomechanics and physics to such applied fields as materials science and surface engineering.

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