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| Title: | Study of Long Range Correlations in Biophotonic Architectures |
| Authors: | Shamoon, Danish (/jspui/browse?type=author&value=Shamoon%2C+Danish) |
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| Abstract: | The complex spatial arrangements that are found as biophotonic architectures on a termite wing membrane have been observed to scatter a coherent laser beam in a complex manner. This particular behavior has been explored experimentally and numerically in the form of a multivariate analysis with particular sets of variables and an explanation for such behavior with theoretical validation has been presented. A literature survey of closely related topics and some areas of applications have also been highlighted. |
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