



Library Indian Institute of Science Education and Research Mohali



DSpace@IISERMohali (/jspui/)

/ Thesis & Dissertation (/jspui/handle/123456789/1)

/ Master of Science (/jspui/handle/123456789/2)

/ MS-09 (/jspui/handle/123456789/393)

Please use this identifier to cite or link to this item: <http://hdl.handle.net/123456789/661>

Title:	Study of Long Range Correlations in Biophotonic Architectures
Authors:	Shamoon, Danish (/jspui/browse?type=author&value=Shamoon%2C+Danish)
Keywords:	Physics Biophotonic Architectures
Issue Date:	26-Jun-2015
Publisher:	IISER-M
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.
URI:	http://hdl.handle.net/123456789/661 (http://hdl.handle.net/123456789/661)
Appears in Collections:	MS-09 (/jspui/handle/123456789/393)

Files in This Item:

File	Description	Size	Format	
MS-09041.pdf (/jspui/bitstream/123456789/661/1/MS-09041.pdf)		8.53 MB	Adobe PDF	View/Open (/jspui/bitstream/123456789/661/1/MS-09041.pdf)

[Show full item record \(/jspui/handle/123456789/661?mode=full\)](#)

[Statistics \(/jspui/handle/123456789/661/statistics\)](#)

Items in DSpace are protected by copyright, with all rights reserved, unless otherwise indicated.