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NO. OF RESERCH PAPERS PUBLICATION: 05



LIST OF PUBLICATION

1. 'ELECRTON-PHONON RELAXATION IN DISORDERED TWO-DIMENTIONAL ELECTRON GAS WITH DYNAMICALLY SCREENED DEFORMATION POTENTIAL' S.S.Z. ASRAF, P. TRIPATHI, A.C. SHARMA & S.T. HASAN , J. PHY. COND. MATT.21, 025504, (2009), U.K.
2. 'ENERGY RELAXATION RATE IN DISTORTED TWO-DIMENTIONAL ELECTRON GAS WITH DYNAMIC DEFORMATION POTENTIAL' S.S.Z. ASRAF, P. TRIPATHI, A.C. SHARMA & S.T. HASAN , PHYSICS E42, 87-90, (2009) NETHERLAND.
3. DINAMIC DEFORMATION ELECTRON PONON INTERACTION IN DISORDERED BULK SEMICONDUCTOR' S.S.Z. ASHRAF, P. TRIPATHI, A.C. SHARMA & S.T. HASAN, WORLD J. OF COND. MATT. PHYSICS, 2, 42(2012), U.S.A.
4. DISTORDER ASSISTED ACOUSTIC ENERGY RELAXATION IN QUANTUM WELL' S.T. HASAN, P. TRIPATHI, S.S.Z. ASHRAF & A.C.SHARMA, PHY. SCR. 89095703(8pp) (2014), U.K.
5. ANOMALOUS DEPENDENCE OF ELECTRON-PHONON RELAXATION WITH CARRIER CONCENTRATION IN GRAPHENE, S.TAHIR HASAN, MOHD. MEENHAZ ANSARI , SSZ ASHRAF & AFZAL AHMAD , JOURNAL OF PURVANCHAL; ACADEMY OF SCIENCES, JAUNPUR , INDIA VOL 22, 2016, (ISSN 0972-3498)

PAPERS PUBLISHED IN CONFERENCE PROCEEDINGS: 02

1. DYNAMIC SCREENED ELECTRON-PHONON INTERACTION IN DISTORTED SEMICONDUCTORS, P. TRIPATHI, SSZ ASHRAF , S.T. HASAN & K.N. VYAS AIP CONF. PROC. 1393, 92 (2011) U.S.A.
2. DYNAMIC DEFORMATION POTENTIAL ELECTRON-PHONON INTERACTION IN DISORDERED QUANTUM WELL, P. TRIPATHI, SSZ ASHRAF , S.T. HASAN & A.C. SHARMA AIP CONF. PROC. 1447, 1055(2012) U.S.A.

BOOKS:

TEXT BOOK ON MATHEMATICAL PHYSICS: ISBN 978-93-91152-49-9 KRISHNA PRAKASHAN MEDIA PVT LTD, MEERUT (2021)

TEXT BOOK OF NEWTONIAN MECHANICS: ISBN 978-93-91152-54-3 KRISHNA PRAKASHAN MEDIA PVT LTD, MEERUT (2022)

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ELECTROMAGNETIC THEORY: ISBN 978-93-94511-12-5 KRISHNA PRAKASHAN MEDIA PVT LTD, MEERUT,(2022)

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