

## LIST OF PUBLICATIONS

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3. I. Mitra, J. F. Nieves and P. B. Pal, “Gravitational couplings of charged leptons in a medium,” *Phys. Rev.* **D64**, 085004 (2001), hep-ph/0104248.
4. E. Harikumar, I. Mitra and H. S. Sharatchandra, “Topological field patterns of the Yang-Mills theory,” *Phys. Lett.* **B557**, 297 (2003), hep-th/0212234.
5. E. Harikumar, I. Mitra and H. S. Sharatchandra, “Half-monopoles and half-vortices in the Yang-Mills theory,” *Phys. Lett.* **B557**, 303 (2003), hep-th/0301045.
6. I. Mitra, R. Ratabole and H. S. Sharatchandra, “Infrared behaviour of massless QED in space-time dimensions  $2 < d < 4$ ,” *Phys. Lett.* **B611**, 289 (2005), hep-th/0410120.
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14. C.Chatterjee, E.Harikumar, M.Mathur, I.Mitra and H.S. Sharatchandra, “Line discontinuities, local action with both the field and its dual, and spin from no spin in two-dimensional scalar theory,” *Int.J.Mod.Phys.* **A28**, 1350003 (2013), arXiv:1111.5218 [hep-th].
15. C.Chatterjee, I.Mitra and H.S. Sharatchandra, “Two-potential theory of electric and magnetic charges via duality transformation,” *Phys.Lett.* **B710**, 223 (2012), arXiv:1111.6064 [hep-th].
16. I.Mitra and H.S. Sharatchandra, “Dreibein as prepotential for three-dimensional Yang-Mills theory,” *Adv. High Energy Phys.* 2017 (2017) 6369505, arXiv:1307.0989 [hep-th].