

LIST OF PUBLICATIONS

1. B.S.Kushvah and B.Ishwar, Triangular equilibrium points in the Generalized Photogravitational Restricted Three Body Problem with Poynting-Robertson Drag, Review Bulletin of the Calcutta Mathematical Society, Vol. 12,(1 & 2) 109- 114(2004).
2. K.T. Singh, B.S.Kushvah, and B.Ishwar, Stability of Triangular Equilibrium Points in Robe's Generalised Restricted Three Body Problem, Proceedings of Mathematical Society B.H.U., Varanasi, Vol.20 95-100(2005).
3. B.S.Kushvah, J.P. Sharma and B.Ishwar, First order Normalization in the Generalized Photogravitational Restricted Three Body Problem with Poynting- Robertson Drag, Review Bulletin of the Calcutta Mathematical Society, 14(2),85-92(2006).
4. B.Ishwar and B.S. Kushvah, Linear Stability of Triangular Equilibrium Points in the Generalised Photogravitational Restricted Three Body Problem with Poynting- Robertson Drag, Journal of Dynamical Systems and Geometric Theories Vol.4(1) 79-86(2006).
5. B.S.Kushvah, J.P. Sharma and B.Ishwar: Normalization of Hamiltonian in the Generalized Photogravitational Restricted Three Body Problem with Poynting- Robertson Drag, Earth, Moon and Planets, Springer Netherlands, 101(1), 55- 64(11.09.2007), DOI:10.1007/s11038-007-9149-3)
6. B.S.Kushvah, J.P. Sharma and B.Ishwar, Higher Order Normalization in the Generalized Photogravitational Restricted Three Body Problem with Poynting- Robertson Drag, Bull. Astr. Soc. India, 35, 319-338(2007).
7. B.S.Kushvah, J.P. Sharma and B.Ishwar, Nonlinear Stability of Triangular Equilibrium Points in the Generalised Photogravitational Restricted Three Body Problem with Poynting-Robertson Drag, Astrophysics and Space Science, 312, 279-293(2007). (DOI: 10.1007/s10509-007-9688-0)
8. B.S.Kushvah, J.P. Sharma and B.Ishwar, Second order Normalization in the Generalized Photogravitational Restricted Three Body Problem with Poynting- Robertson Drag, Review Bulletin of the Calcutta Mathematical Society, 16(2), 161-176(2008).
9. Badam Singh Kushvah, The effect of Radiation Pressure on the Equilibrium points in the Generalised Photogravitational Restricted Three Body Problem, Astrophysics and Space Science ,315, 231-241(2008) (DOI:10.1007/s10509-008- 9823-6).
10. Badam Singh Kushvah, Linear Stability of Equilibrium points in the Generalized Photogravitational Chermnykh's Problem, Astrophysics and Space Science, Springer Netherlands, 318, 41- 50(2008), (DOI:10.1007/s10509-008-9898-0).
11. Badam Singh Kushvah, Linearization of the Hamiltonian in the generalized photogravitational Chermnykh's problem, Astrophysics and Space Science, Springer Netherlands, 323(1)/ 57-63 (September 2009) (DOI:10.1007/s10509- 009-0047-1).
12. Badam Singh Kushvah, Poynting-Robertson Effect on the Linear Stability of Equilibrium Points in the Generalized Photogravitational Chermnykh's Problem, Research in Astronomy and Astrophysics (RAA), 9 1049-1060 (DOI:10.1088/1674-4527/9/9/009) .
13. **Badam Singh Kushvah, *Trajectory and stability of Lagrangian point L2 in the Sun-Earth system*, Astrophysics and Space Science Volume 332, Number 1, Pages 99-106(2011) (DOI:10.1007/s10509-010-0493-9)**
14. **Badam Singh Kushvah, Trajectories of L4 and Lyapunov Characteristic Exponents in the Generalized Photogravitational Chermnykh-Like problem, Astrophysics and Space Science,2011, Volume 333(1), Pages 49-59 (DOI:10.1007/s10509-011-0632-y)**
15. **Badam Singh Kushvah, Trajectories and Stability Regions of the Lagrangian Points in the Generalized Chermnykh-Like Problem, Mathematics in Science and Technology;Mathematical Methods,Models and Algorithms in Science and Technology, April 2011,World Scientific Publisher Singapore (ISBN:978-981-4338-81-3,981-4338-81-8).**
16. **Badam Singh Kushvah , Ram Kishor and Uday Dolas, Existence of Equilibrium Points and their Linear Stability in the Generalized Photogravitational Chermnykh-Like Problem with Power-law Profile, Astrophysics and Space Science, Springer(Online First™, 16 September 2011)(DOI:10.1007/s10509-011-0857-9).**

C)Book/Monograph: The Celestial Mechanics: Study of Stability:... Good Idea for Space Colonization!,
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