

## **For one system differential equations dual of the system of Lorenz**

---

BORO M. PIPEREVSKI  
*Plovdiv University, Plovdiv, Bulgaria*  
ekaterina.madamlieva@abv.bg

In this paper the system of Lorenz and one of its dual systems differential equations are reviewed. Some of the important common properties of both systems are given.

### REFERENCES

- [1] V. I. Arnold, *Ordinary Differential Equations*, MIT, 1978.
- [2] J.E.Marsden, M. McCracken, *The Hopf Bifurcation and its Applications*, SpringerVerlag, New York, 1976.