

International Workshop on Dynamical Systems and Applications (IWDSA 2019)  
*In Memory of Prof. Dr. Aydın Tiriyaki*  
Gazi University, Ankara, Turkey, 3-4 May 2019

## On distribution of zeros of first order delay differential equations

Y. Sahiner

*Hacettepe University, Ankara, Turkey, ysahiner@hacettepe.edu.tr*

### Abstract

The aim of this talk is to introduce some results on the distribution of zeros of first-order linear delay differential equations. The particular emphasis will be on the lower bounds of the distance between consecutive zeros of the equation. One can review [1] to see the subject in detail.

**Key Words:** First-order delay differential equations, Lower bounds.

### References

- [1] H.W. Wu, L. Erbe, On the distance between consecutive zeros of solutions of first-order delay differential equations, *Appl. Math. Comp.*, 219 (2013), 8622-8631.