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On distribution of zeros of first order delay differential equations

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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.