



## DYNAMICAL SYSTEMS SEMINAR SEMINAR

### Invariant Einstein metrics on real flag manifolds.

**Lino Grama**  
UNICAMP

November 5th, 2020  
14:15 Horas

Place: <https://tinyurl.com/y2akjw6f>  
(MS Teams Videoconference)

**Abstract.** In this talk we will discuss the classification of invariant Einstein metrics on real flag manifolds associated to simple and non-compact split real forms of complex classical Lie algebras whose isotropy representation decomposes into two or three irreducible sub-representations. We also discuss some phenomena in real flag manifolds that can not happen in complex flag manifolds. This includes the non-existence of invariant Einstein metric and examples of non-diagonal Einstein metrics. This is a joint work with Brian Grajales.

### References

- [1] GRAJALES, B., GRAMA, L.: *Invariant Einstein metrics on real flag manifolds with two or three isotropy summands*, arXiv:1907.02626 (2020).

More info at the WhatsApp group of the Dynamical Systems Seminar Seminar:  
<https://chat.whatsapp.com/HbF8Gf4Vz05FP32oI8lxoJ>