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Im Rahmen der

AG Komplexe Analysis

laden wir zu folgendem Vortrag ein:

On the rendezvous number of a metric space

(Dr. Gerrit Herrmann, Universität Regensburg)

am **Montag, den 25.11.2019, um 16 Uhr c.t. in D.13.11**.

Abstract: The rendezvous number $r(X, d) \in \mathbb{R}_{\geq 0}$ introduced by Gross [Gr64] is a numerical invariant for a compact connected metric space (X, d). The value $r(X, d)$ is characterized by the property that for any number of points $x_1, \ldots, x_n \in X$ there is a point $y \in X$ such that

$$r(X, d) = \frac{1}{n} \sum_{i=1}^{n} d(y, x_i).$$

In this talk we discuss uniqueness and existence of this number by going through the basics of game theory.

References

[Gr64] O. Gross, *The rendezvous value of a metric space*, Advances in Game Theory, Ann. of Math. Studies, 52, Princeton, 49–53 (1964)

Alle Interessenten sind herzlich eingeladen!

gez. Prof. N. Shcherbina