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Abstracts of Short Communications and Posters

Section:

2. Algebra

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Abels, Herbert, Universitaet Bielefeld, Germany
Reductive groups as metric spaces
I would like to report on work in progress jointly with G. Margulis on the following topics:
1) A characterization of the metrics whose restriction to a maximal split torus is a norm,
2) a question of Siegel where he compares the metric in the fundamental domain for an arithmetc group Γ with that of the orbit space modulo Γ, and
3) undistortedness of Γ.