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Deutsche Mathematiker-Vereinigung
Polskie Towarzystwo Matematyczne

JOINT MEETING / 2014
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Thematic Session

Session title: Generalized convexity

Organizers:

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Description of the topic:

Geometry of convex sets:

Minkowski–Rådström–Hörmander space, algebraic properties of closed bounded sets, fractional Arithmetic with convex sets.

Algebra of convex sets:

Cancellation law, separation law, semigroups with cancelation property

Non-smooth optimization:

Convexity without linearity, quasidifferentiable analysis, minimal exhausters, optimality conditions, applications.

2011 Mathematic Subject Classification:

52A07, 46A55, 46B20, 20M14, 26A51, 26A27, 49J52