

14 мая (пятница), 17:15, Zoom 675-315-555, семинар "Алгебраические группы", Andrei Rapinchuk (University of Virginia), "Groups with bounded generation: old and new".

Анонс

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A group is said to have bounded generation (BG) if it is a finite product of cyclic subgroups. We will survey the known examples of groups with (BG) and their properties. We will then report on a recent result (joint with P. Corvaja, J. Ren and U. Zannier) that non-virtually abelian anisotropic linear groups (i. e. those consisting entirely of semi-simple elements) are not boundedly generated. The proofs rely on number-theoretic techniques.