

Publications

- [1] *Recurrence in Mean*, Mat. Zametki **72**:4 (2002), 625–632; English transl. Mathematical Notes **72**:4 (2002), 576–582.
- [2] *Recurrence of Incomplete Quotients of Continued Fractions*, Uspekhi Mat. Nauk **57**:4 (2002), 189–190; English transl. Comm. Moscow Math. Soc. **57**:4 (2002), 819–821.
- [3] *Some Additive Problems Connected with Exponential Functions*, Uspekhi Mat. Nauk **58**:4 (2003), 165–166; English transl. Comm. Moscow Math. Soc. **58**:4 (2003), 789–799.
- [4] *On the Piatetzki-Shapiro Normality Criterion* (with N.G. Moshchevitin), Mat. Zametki **73**:4 (2003), 577–589; English transl. Mathematical Notes **73**:4 (2003), 539–550.
- [5] *On one Problem of Gowers*, Doklady of Russian Academy of Sciences **400**:2 (2005), 169–172; English transl. Doklady Mathematics **71**:1 (2005), 46–48.
- [6] *On a Generalization of Szemerédi’s Theorem*, Doklady of Russian Academy of Sciences **405**:3 (2005), 315–319; English transl. Doklady Mathematics **72**:3 (2005), 899–902.
- [7] *On the Piatetzki-Shapiro Normality Criterion for Continued Fractions*, Fundamentalnaya i Prikladnaya Matematika, accepted for publication.
- [8] *On one Problem of Gowers*, Izvestiya of Russian Academy of Sciences **70**:2 (2006), 176–217; English transl. Izvestiya : Mathematics **70**:2 (2006), 385–425.
- [9] *On the multiplicative properties modulo m of numbers with missing digits* (with N.G. Moshchevitin), Mat. Zametki **81**:3 (2007), 385–404. English transl. Mathematical Notes **81**:3–4 (2007), 338–355.
- [10] *On a Generalization of Szemerédi’s Theorem*, Proceedings London Math. Soc., **93**:3 (2006), 723–760.
- [11] *On Dynamical Systems with Slow Recurrence Time*, Mat. Sbornik **197**:11 (2006), 143–158. English transl. Sbornik: Mathematics **197**:11 (2006), 1697–1712.
- [12] *Szemerédi’s Theorem and Problems Concerning Arithmetic Progressions*, Uspekhi Mat. Nauk **61**:6 (2006), 111–178. English transl. Comm. Moscow Math. Soc. **61**:6 (2006) 1101–1166.
- [13] *On Sets of Large Exponential Sums*, Doklady of Russian Academy of Sciences **411**:4 (2006), 455–459; English transl. Doklady Mathematics **74**:3 (2006), 860–864.
- [14] *On Sets of Large Exponential Sums*, Izvestiya of Russian Academy of Sciences, accepted for publication.
- [15] *Some Examples of Sets of Large Exponential Sums*, Mat. Sbornik, accepted for publication,
- [16] *On Sets with Small Doubling*, Mat. Zametki, submitted for publication,
- [17] *On a two-dimensional analog of Szemerédi’s Theorem in Abelian groups*, Izvestiya of Russian Academy of Sciences, submitted for publication.

Internet resources

- [1] *On one Problem of Gowers*, arXiv : math.NT/0405406 v1 21 May 2004.
- [2] *On Multiple Recurrence*, arXiv : math.NT/0406413 v1 21 Jun 2004.
- [3] *On a Generalization of Szemerédi's Theorem*, arXiv : math.NT/0503639 v1 28 Mar 2005.
- [4] *On Dynamical Systems with Slow Recurrence Time*, arXiv : math.DS/0507345 v1 19 Aug 2005.
- [5] *On Sets of Large Exponential Sums*, arXiv : math.NT/0605689 v1 26 May 2006.
- [6] *Some Examples of Sets of Large Exponential Sums*, arXiv : math.NT/0610554 v1 18 Oct 2006.
- [7] *On Sets with Small Doubling*, arXiv : math.NT/0703309 v1 11 Mar 2007.
- [8] *On a two-dimensional analog of Szemerédi's Theorem in Abelian groups* arXiv : 0705.045 v1 [math.NT] 3 May 2007.