

PUBLICATIONS BY TIMUR SADYKOV

RESEARCH ARTICLES IN REFEREED JOURNALS

1. **Bases in the solution space of the Mellin system.** With Alicia Dickenstein, *Sbornik Mathematics* 198, (2007), no. 9, 59-80.
2. **Dessins d'enfants and differential equations.** With Finnur Larusson, *Algebra and Analysis* 19 (2007), no. 6, 16 pages.
3. **Algebraicity of solutions to the Mellin system and its monodromy.** With Alicia Dickenstein, *Doklady of Russian Academy of Sciences* 412, (2007), no. 4, 1-3.
4. **Sparse hypergeometric systems.** To appear in *RIMS Kokyu-Roku series* (2007), 13 pages.
5. **Bivariate hypergeometric \mathcal{D} -modules.** With A. Dickenstein and L. Matusevich, *Advances in Mathematics*, **196**, no. 1 (2005), 78-123.
6. **Nonconfluent hypergeometric functions in several variables and their singularities.** With Mikael Passare and August Tsikh, *Compositio Mathematica*, 141 (2005), no. 3, 787-810.
7. **The Hadamard product of hypergeometric series.** *Bulletin des Sciences Mathematiques* 126, no. 1 (2002), 31-43.
8. **On the Horn system of partial differential equations and series of hypergeometric type.** *Mathematica Scandinavica* 91. no. 1 (2002), 127-149.
9. **On a multidimensional system of hypergeometric differential equations.** *Siberian Mathematical Journal* 39. no. 5 (1998), 986-997.

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OTHER

1. **On a generalization of the Horn hypergeometric system.** *Complex Analysis and Differential Operators*. Krasnoyarsk State University, (2000), pp 114-126.
2. **Dimension of the solution space of the Horn hypergeometric system.** *Complex Analysis and Mathematical Physics*. Krasnoyarsk State University, (1998), pp 190-202.
3. **On multidimensional systems of hypergeometric type and their difference analogues.** *Complex Analysis and Differential Equations*. Krasnoyarsk State University, (1997), pp 84-94. (Russian)
4. **On the solution of multidimensional hypergeometric differential equations by means of multidimensional residues.** *Complex Analysis and Differential Equations*. Krasnoyarsk State University, (1996), pp 184-196. (Russian)