References

1. Martin Davis, Yuri Matijasevich, and Julia Robinson, Hilbert's tenth problem. Diophantine equations: positive aspects of a negative solution, *Proc. Symp. Pure Math.* 28 (1976), 323–378; reprinted in [19].

2. Martin Davis, Hilary Putnam, and Julia Robinson, The decision problem for exponential Diophantine equations, *Ann. Math.* (2) 74 (1961), 425–436; reprinted in [19].

3. G. V. Davydov, Yu. V. Matijasevich, G. E. Mints, V. P. Orevkov, A. O. Slisenko, A. V. Sochilina, and N. A. Shanin, "Sergei Yur'evich Maslov" (obituary), *Russian Math. Surveys* 39(2) (1984), 133–135 [translated from Успехи матем. наук 39(236) (1984), 129–131].

4. David Hilbert, Mathematische Probleme. Vortrag, gehalten auf dem internationalen Mathematiker Kongress zu Paris 1900, *Nachr. K. Ges. Wiss., Göttingen, Math.-Phys. Kl.* (1900), 253–297.

5. James P. Jones, Universal Diophantine equation, *J. Symbolic Logic* 47 (1982), 549–571.

6. Ю.В.Матиясевич, Диофантовость перечислимых множеств, *Доклады АН СССР* 191(2) (1970), 279–282 [translated in *Soviet Math. Doklady* 11(20) (1970), 354–357; correction 11 (6) (1970), vi].

7. Yuri Matijasevich, On recursive unsolvability of Hilbert's tenth problem, *Proceedings of Fourth International Congress on Logic, Methodology and Philosophy of Science, Bucharest, 1971*, Amsterdam: North-Holland (1973), 89–110.

8. Yuri Matijasevich, Some purely mathematical results inspired by mathematical logic, *Proceedings of Fifth International Congress on Logic, Methodology and Philosophy of science, London, Ontario, 1975*, Dordrecht: Reidel (1977), 121–127.

9. Юрий Матиясевич, Джулия Робинсон, Два универсальных трехкванторных представления перечислимых множеств, *Теория алгорифмов и математическая логика*, ВЦ АН СССР, Moscow (1974), 112–123; reprinted in [19]; English translation is available via URL `http://logic.pdmi.ras.ru/~yumat/journal/julia`.

10. Yuri Matijasevich and Julia Robinson, Reduction of an arbitrary Diophantine equation to one in 13 unknowns, *Acta Arith.* 27 (1975), 521–553.

11. Constance Reid, The autobiography of Julia Robinson, *More Mathematical People*, Academic Press, 1990, 262–280. Augmented version in: Constance Reid, *JULIA. A Life in Mathematics*, The mathematical Association

of America, 1996; ISBN 0-88385-520-8.

12. John A. Robinson, A machine-oriented logic based on the resolution principle, *J. Assoc. Comput. Mach.* 12 (1965), 23–41 [translated in *Кибернетический сборник (новая серия)* 7(1970), 194-218].

13. Julia Robinson, An iterative method of solving a game, *Ann. Math.* (2) 54 (1951), 296–301; reprinted in [19].

14. Julia Robinson, Existential definability in arithmetic, *Trans. Amer. Math. Soc.* 72 (1952), 437–449; reprinted in [19].

15. Julia Robinson, Unsolvable Diophantine problems, *Proc. Amer. Math. Soc.* 22 (1969), 534–538; reprinted in [19].

16. Julia Robinson, Axioms for number theoretic functions, *Selected Questions of Algebra and Logic (Collection Dedicated to the Memory of A. I. Mal'cev)*, Novosibirsk: Nauka (1973), 253–263; MR 48#8224; reprinted in [19].

17. D. Singmaster, Notes on binomial coefficients, *J. London Math. Soc.* 8 (1974), 545–548; РЖМат (1975), 3А143.

18. N. N. Vorob'ev, *Fibonacci Numbers*, 2nd ed., 1964; 3rd ed., 1969, Moscow: Nauka.

19. The collected works of Julia Robinson. With an introduction by Constance Reid. Edited and with a foreword by Solomon Feferman. Collected Works, 6 (1996), xliv+338 pp. American Mathematical Society, Providence, RI; ISBN: 0-8218-0575-4.

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