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*On a problem in Objective Number Theory*

I will sketch the proof of a result extending some of the work by Schanuel, Lawvere, Blass and Gates cited below.

References:

- [1] Blass, A., Seven trees in one, *J. Pure Appl. Algebra* 103 (1995) 1–21.
- [2] Gates, R., On the generic solution to  $P(X) = X$  in distributive categories, *J. Pure Appl. Algebra* 125 (1998) 191–212.
- [3] Lawvere, F. W., Some thoughts on the future of category theory, *LNM* 1488 (1991), 1–13.
- [4] Schanuel, S., Negative sets have Euler characteristic and dimension, *LNM* 1488 (1991) 379–385.