



## Further improvements on the matrix-product result

Vince Grolmusz \*

In ECCC report TR03-058 (<http://www.eccc.uni-trier.de/eccc-reports/2003/TR03-058/index.html>) we have strongly improved the results of this report. We showed that the same representation of the matrix-product can be computed with  $n^{o(1)}$  multiplications. We also showed there, that similar representations of matrices can be compressed enormously.