

Update on Division: Uniform NC^1

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The MS thesis of Andrew Chiu [1] contains an algorithm for integer division, that can be implemented in $\operatorname{Atime}(\log n)$ (i.e., in the most uniform version of NC¹). Our ECCC Submission will be revised soon, to reflect this.

References

 Andrew Chiu. Complexity of Parallel Arithmetic Using the Chinese Remainder Representation, MS Thesis, Computer Science, University of Wisconsin-Milwaukee, August, 1995.

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