This report has been subsumed

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We have merged and updated our two ECCC technical reports TR09-034 [2] and TR09-047 [1], and published them as a new ECCC report TR10-125 [3]. (An identical version of the new report has also been posted to ArXiv.)

This new paper subsumes the previous two papers.

References

[1] Eli Ben-Sasson and Jakob Nordström. *A Space Hierarchy for k-DNF Resolution*. Technical Report TR09-047, Electronic Colloquium on Computational Complexity (ECCC), April 2009.

[2] Eli Ben-Sasson and Jakob Nordström. *Understanding Space in Resolution: Optimal Lower Bounds and Exponential Trade-offs*. Technical Report TR09-034, Electronic Colloquium on Computational Complexity (ECCC), March 2009.

[3] Eli Ben-Sasson and Jakob Nordström. *Understanding Space in Proof Complexity: Separations and Trade-offs via Substitutions*. Technical Report TR10-125, Electronic Colloquium on Computational Complexity (ECCC), August 2010.