Comment 01 on ECCC TR96-045

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Comment

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Richard Beigel has mentioned to the authors that he can generalize our Theorem 3.1 to the case of the EP analog based on any integer n, via an elegant combinatorial argument. This is a very nice observation. We mention that the technique—which essentially is Cai and Hemachandra's [MST, 1990, V. 23, pp. 95–106] proof that FewP $\subseteq \oplus$ P plus a rate-of-growth argument—used in our proof of Theorem 3.1 is a general technique that clearly works for any P-printable not-too-widely-spaced target set (including for example the EP analog based on any integer n, and also many acceptance-path sets having nothing to do with powers).

By the way, even the "P-printability" mentioned above can clearly be further generalized to the case of not-too-widely spaced target sets where given an integer the next integer in the set is easy to find.

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