# Corrections to Article 16.5.5 

Lin Jiu and Christophe Vignat

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We apologize for a mistake in the example in part (III) of Remark 9. Therefore, we shall make the following corrections.

1. Equation (14) in Theorem 8 should be

$$
\binom{m+n}{r}_{b}=\sum_{k=0}^{r}\binom{m}{k}_{b}\binom{n}{r-k}_{b} .
$$

2. At the end of the proof of Theorem 8, the following paragraph should be added:

Note that the summation condition $0 \leq k \lesssim_{b} r$ can be replaced by $0 \leq$ $k \leq r$, since when $k+(r-k)$ is not carry-free, it means that $k_{j}>r_{j}$ for some $j \in\{0, \ldots, N-1\}$. In this case,

$$
\binom{n}{r-k}_{b}=\left(\prod_{l=0}^{j-1}\binom{n_{l}}{r_{l}-k_{l}}\right)\binom{n_{j}}{r_{j}-k_{j}}\left(\prod_{l=j+1}^{N-1}\binom{n_{l}}{r_{l}-k_{l}}\right)=0
$$

and the corresponding term has no contribution to the sum.
3. Part (III) of Remark 9 should be removed.

