

Pacific Journal of Mathematics

**CORRECTIONS TO: "VERSUM SEQUENCES IN THE BINARY
SYSTEM"**

CHARLES W. TRIGG

EXAMPLE 3. Let H be generated by $\mu_n = n(n - 1/2)/(n + 1)(n + 2)$. We can regard H as the product of two Hausdorff matrices H_α and H_β , with generating sequences $\alpha_n = (n - 1/2)/(n + 1)$ and $\beta_n = n/(n + 2)$, respectively. From Theorem 1 of [1], the sequence $t = \{t_n\}$, with $t_0 = 1$, $t_n = (-1)^n(1/2)(-3/2) \cdots (-n + 3/2)/n!$, $n > 0$ satisfies $tH_\alpha = 0$. Therefore $tH = 0$. Let B be the matrix with the sequence t as each row. Then

$$(HB)_{nk} = \sum_{j=0}^n h_{nj} b_{jk} = t_k \sum_{j=0}^n h_{nj} = t_k \mu_0 = 0,$$

and

$$(BH)_{nk} = \sum_{j=k}^{\infty} b_{nj} h_{jk} = \sum_{j=k}^{\infty} t_j h_{jk} = 0, \text{ so that } B \longleftrightarrow H.$$

REFERENCES

1. B. E. Rhoades, *Some Hausdorff matrices not of type M*, Proc. Amer. Math. Soc., **15** (1964), 361-365.
2. ———, *Commutants of some Hausdorff matrices*, Pacific J. Math., **42** (1972), 715-719.

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Corrections to

VERSUM SEQUENCES IN THE BINARY SYSTEM

CHARLES W. TRIGG

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Line 12 should read "the universal verity of the conjecture [5, 6]".
Instead of the universal verity of the conjecture [1, 2].

The first page should be 263 instead of 163.

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