

# 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  $H_\alpha$  and  $H_\beta$ , 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

Volume 47 (1973), 263-275

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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The *Pacific Journal of Mathematics* is issued monthly as of January 1966. Regular subscription rate: \$48.00 a year (6 Vols., 12 issues). Special rate: \$24.00 a year to individual members of supporting institutions.

Subscriptions, orders for back numbers, and changes of address should be sent to Pacific Journal of Mathematics, 103 Highland Boulevard, Berkeley, California, 94708.

PUBLISHED BY PACIFIC JOURNAL OF MATHEMATICS, A NON-PROFIT CORPORATION

Printed at Kokusai Bunken Insatsusha (International Academic Printing Co., Ltd.), 270, 3-chome Totsuka-cho, Shinjuku-ku, Tokyo 160, Japan.

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