

ERRATA TO "A NOTE ON RINGS WITH A WEAK ALGORITHM"

By R. E. Williams

The announcement [2] contains several errors. Theorem 2.1 fails because elements of R cannot be expressed in the required unique form when a right K -basis is not right R -independent. The induction proof indicated for Theorem 3.1 fails at the first step. (A ring with a weak algorithm is, however, a semifir, and these rings are embeddable in division rings by results of P.M. Cohn. An excellent treatment of the embedding problem is available in [1], where the case for semifirs is discussed on pp. 282–283.)

1. P. M. Cohn, *Free rings and their relations*, Academic Press, New York, 1977.
2. R. E. Williams, *A note on rings with a weak algorithm*, Bull. Amer. Math. Soc. 75 (1969), 959–961.

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Hausdorff compactifications, edited by Richard E. Chandler, Marcel Dekker, Inc., New York and Basel, 1976, vii + 146 pp., \$16.50.

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