Comments On: 'Erasure Rate Analysis And Tighter Upper Bound For Binary Product Codes'

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IEEE-INST ELECTRICAL ELECTRONICS ENGINEERS INC, IEEE Communications Letters; pp: 139-139; Vol: 12

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Summary

The above paper, by Ali A. Al-Shaikhi and Jacek Iłow, claimed to have developed a tighter upper bound on post-decoding erasure rate for binary product codes by deriving the exact number of unrecoverable erasure patterns over some range of the number of erasures. We show that (Equations 9 - 12) are inaccurate, and hence the resultant tighter upper bound is questionable.

References:

1. ALSHAIKHI AA, 2006, IEEE COMMUN LETT, V10, P546, DOI 10.1109/LCOMM.2006.060119
2. KOUSA MA, P 7 INT C TEL SYST 1, P85

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