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USE OF BEST BIAPPROXIMATION IN ALGEBRAIC BICODING THEORY

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In this paper we for the first time we use the concept of best approximations in error correcting techniques of bicores. For instance a message is received and if the received message is not the sent message, how to find the nearest or approximately the correct sent bicores word. This is done by using the best approximation. This paper has four sections. In the first section we just recall the definition of bicores and their properties. The notion of pseudo best biapproximation is introduced in section two. Section three illustrates how the concept of best biapproximation is used to find the approximate correct bicores word when one has no other means of finding to correct or approximate the sent message. The final section gives the conclusions based on our study.

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