Title: Key Based Random Permutation (KBRP)
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Abstract: This study introduces a method for generating a particular permutation P of a given size N of N! permutations from a given key. This method computes a unique permutation for a specific size since it takes the same key; therefore, the same permutation can be computed each time the same key and size are applied. The name of random permutation comes from the fact that the probability of getting this permutation is 1 out of N! possible permutations. Besides, permutation can not be guessed because of its generating method that is depending completely on a given key and size.