PARIKH MATRICES OF WORDS AND SOME FURTHER PROPERTIES

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Abstract: A new direction of study was initiated around the year 2000 by introducing a novel notion, namely, Parikh matrix in the field of combinatorics on words. Several investigations on various problems and properties related to Parikh matrix of a word, especially, binary word and ternary word, have been undertaken. Here the study of words and their properties in the context of Parikh matrix is continued obtaining further results mainly in the binary case, related to Lyndon