

# ON THE LEAST NUMBER OF TERMS IN VANISHING SUMS OF UNITS OF A NUMBER FIELD

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For a given number field  $K$  the least integer  $k > 2$  is studied such that the equality  $e_1 + e_2 + \cdots + e_k = 0$  holds, where  $e_i$  are units of  $K$  and no proper subsum vanishes.