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Triangular Repblocks,
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Abstract

In this paper, we prove a finiteness theorem concerning repblocks of two digits in base 10, which are represented by a fixed quadratic polynomial. We also show that the only repblocks of two digits that are triangular numbers are 10, 15, 21, 28, 36, 45, 55, 66, 78, 91, 5050, 5151.