Algorithmicness

Yijun Hu

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1 The Algorithm

Here, we want to run an algorithm. Suppose we have a number $n \in \mathbb{Z}$, the algorithm will run as follows.

Algorithm 1 Print all even numbers from 0 to n

  $i = 0$
  n for some $n \in \mathbb{Z}$
  while $i \leq n$ **do**
    print i
    $i = i + 2$
  end while