

algorithm Key Generation algorithmeuclid algorithmic[1] MyProcedure $stringlen \leftarrow lengthofstring$
 $i \leftarrow patlen$ top: $i > stringlen$ false $j \leftarrow patlen$ loop: $string(i) = path(j)$ $j \leftarrow j - 1$. $i \leftarrow i - 1$. goto loop.
 close; $i \leftarrow i + \max(delta_1(string(i)), delta_2(j))$. goto top.