Example

a'b'ek lixt=K i, INDI

su,

aabbb ceecee

for every a

replace a by X

for every b

replace b by y

end form

for every y

Treplace y by b

The form of the form of

For every a trop it will X
then skip the next a.

For a extrepron every with

Y & for that b trople the reset

c by Z. then and were to

Left tord then the result being

- O Replace the Left most on by x of move to Right then if we that he next input is a skip it. else if it is b replaced it we V. if the next syntament of the part of the next syntament of the ne
- 2) Again more to Left if we get y

 Skip it & more to Right to find b

 it is b then Mephrese it with Y A

 A more Right to find thext e and Mephrese
 it with b.

Here the left o, and noph
it with X. go to Left Ld

Stor and move to asynt to find I

Store than X then

Replace the I with Y. again more
to Left good then I tot argin to

move from Left to Right to find

qui T= { a' b' & x j

L= aabbb ccc cce

= x aybbzeeeee

= X CLYY b ZZC CCC

-X a YYY ZZZCCC

= X a Y y b Z Z Z C e e

=x a \$ \$ b = 722 cce

XX Y YX ZZZZZZ

For every a

replace or by x

for every b

replace b by Y

replace next e by Z

end forc

for every Y

replace & by b

end for

mend for the third H

73 - 0

Discription

a a bbb cce cee × a bbb ece cee x a Y b b Z c e c e e

1) Replace the Left most on by x and move to Right. if the next input in a then skip else it is be then ne place it with Y & move to Right series for the whent c & Skip other bit ong, then replace the hext e by Z.

(ii) Agiun more to Lift. the symbol is x skip it & more to Eight Seight Seigheh for next b & skipe input meplace the b with y Q 3 **1** & seach for the next e replace **e** it with Z. conny it procee unit b one neplae with y & its mext neploce with Z.

iii) - move to Left and seach of y

0 3

P

The place the Y with b and more

to left to left preplace unit we prevalent

of input (symbol : Left most symbol

X.

(i) Move to Right Replace the next a with x and \$0 follow Step i, ii, iii until X * Y = Z. Then accept it.

V) other mine pendet it.

For every o

Tieplace the officer left by x

Tieplace the I from Left by Y

end fun.

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