U-V-W:

p = 19;

ru = 11;

rv = 13;

rw = 3;

a = 8;

b =7;

c = 4;

k = 1;

gu(x) = f(x,11) = (8 + 7 \* ( x + 11 ) + 4 \* x \* 11 ) mod 19 = ( 51x + 85 ) mod 19 = (13x + 9)mod19

gv(x)=f(x, 13) = ( 8 + 7 \* ( x + 13 ) + 4 \* x \* 13 ) mod 19 = ( 59x + 99 ) mod 19 = (17x + 19)mod19

gu(x)=f(x,3) = ( 8 + 7 \* ( x + 3 ) + 4 \* x \* 3 ) mod 19 = ( 19x + 29 ) mod 19 = 29mod 19 = 10