Representation of two strings w, w' of the same length n: W= Wh... Wo W'= W!... W!

Each letter is represented by a projection  $Az_n - z_u \cdot z_i$  where k is sufficiently large.

xs from a fk. xm f2 (afk. ... xr fin (afk. xr fun (afk. xm fuz (afk. ...

xm f " ()f " xee" ()e. F(f, 4,4, (f, 4,4, (... (f, 4,4, e)...))...)

Maybe this should be inserted only in the finel generation the unknown one substituted for there variables for, ..., for, e' - men generation of coust; (kert)-st generation

for, ..., for, e' - ald peneration of coust; k-th peneration

F-unen constent

The configuration above serves to simulate one step of rewriting

We Wirn => We Wern

The ultimete good is to chech

0"=>\*1"

This will be doce within some number N of generations.

· et is en ective engenment that is not a constant

- · Wi, Wi are local values (we can increase them and died if both w; and wild ush)
- · the sequence of fis: fi fi fi fin fi fine
- · Wi and Wi are competible, in particular that We were and Wi Vity correspond to a securite rule
- · We replace filling with filling Wi must be guessed so xim meed to very