0. Languages $\langle \leq, \vee, S, P \rangle$ 2. Machines

5= {0,13 L- { WE (0+1)* | W 15 me? tex | L= {
Complete Termination L= { (w, , wz, wz) | w(æ(0+1)*
and W, WZ,W3 methe roots of 7 723-343---Soundnes

[= { an bn cn | n = 13 L(a)={w| w= 2*, S=* w} BA->AB Bc->bc R 5 -> 6/2 5a-)aB ~ C ~ cc

L= { a"b" c" | n z 1} Bours. S-> abc Longer 2. S-saAbc gornas Ae Bbcc gobuksis bB -> Bb aB -> aa 7.1 aB -> aaA

b A JaBbb CC ambjams 2 déflevent dernatm teeq. aa Abbcc

L= { We(ats)*) nalw)=ns(s)} Kolmogorov Complexity S -> b A-B->BS B-saBB AABAC

Closure Properher (L= { ab $= \begin{cases} aib^{j}c^{k} & (-j) & \text{or } j=k \end{cases}$

Ma(w) is even (Manso odd Mb(w) is odd L=) W= (4+b)* B-Jac B-JE