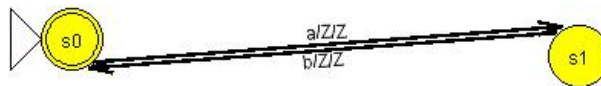# Autómata de entrada

Gramática de entrada simplificada

Variables: [S, A, B, C, D, E, F, G, H, I, J]
Variable Inicial: S
Simbolos Terminales: [a, b]
Producciones: D=[F,D, a,H, a,J, λ], E=[a,H], F=[a,I], G=[a,J, λ], A=[F,A], B=[F,B],
S=[A, B, C, D], C=[F,C], H=[b,E], I=[b,F], J=[b,G]

Fase 1
Grámatica

Variables: [S, A, B, C, D, E, F, G, H, I, J, [Ca], [Cb]]
Variable Inicial: S
Simbolos Terminales: [a, b]
Producciones: D=[F,D, [Ca],H, [Ca],J, λ], E=[[Ca],H], F=[[Ca],I], G=[[Ca],J, λ], A=[F,A],
B=[F,B], C=[F,C], H=[[Cb],E], I=[[Cb],F], J=[[Cb],G], [Ca]=[a], S=[A, B, C, D], [Cb]=[b]

Fase 2
Grámatica

Variables: [S, A, B, C, D, E, F, G, H, I, J, [Ca], [Cb]]
Variable Inicial: S
Simbolos Terminales: [a, b]
Producciones: D=[F,D, [Ca],H, [Ca],J, λ], E=[[Ca],H], F=[[Ca],I], G=[[Ca],J, λ], A=[F,A],
B=[F,B], C=[F,C], H=[[Cb],E], I=[[Cb],F], J=[[Cb],G], [Ca]=[a], S=[A, B, C, D], [Cb]=[b]

Gramática final simplificada

Variables: [S, A, B, C, D, E, F, G, H, I, J, [Ca], [Cb]]
Variable Inicial: S
Simbolos Terminales: [a, b]
Producciones: D=[F,D, [Ca],H, [Ca],J, [Ca],I, E=[[Ca],H], F=[[Ca],I], G=[[Ca],J],
A=[F,A], B=[F,B], C=[F,C], H=[[Cb],E], I=[[Cb],F], J=[[Cb],G, b], [Ca]=[a], S=[F,A,
F,B, F,C, F,D, [Ca],H, [Ca],J, λ, [Ca],I], [Cb]=[b]