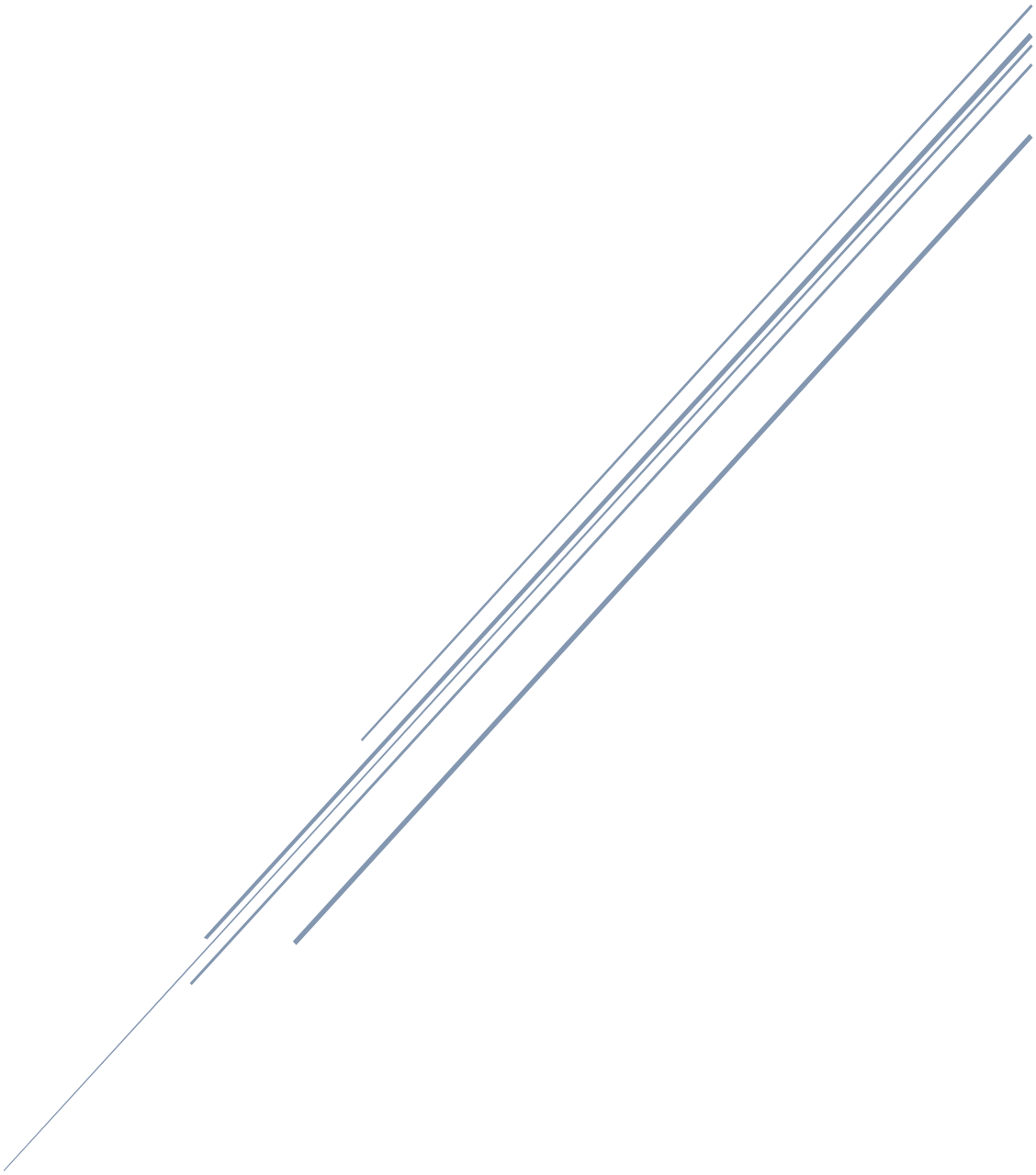
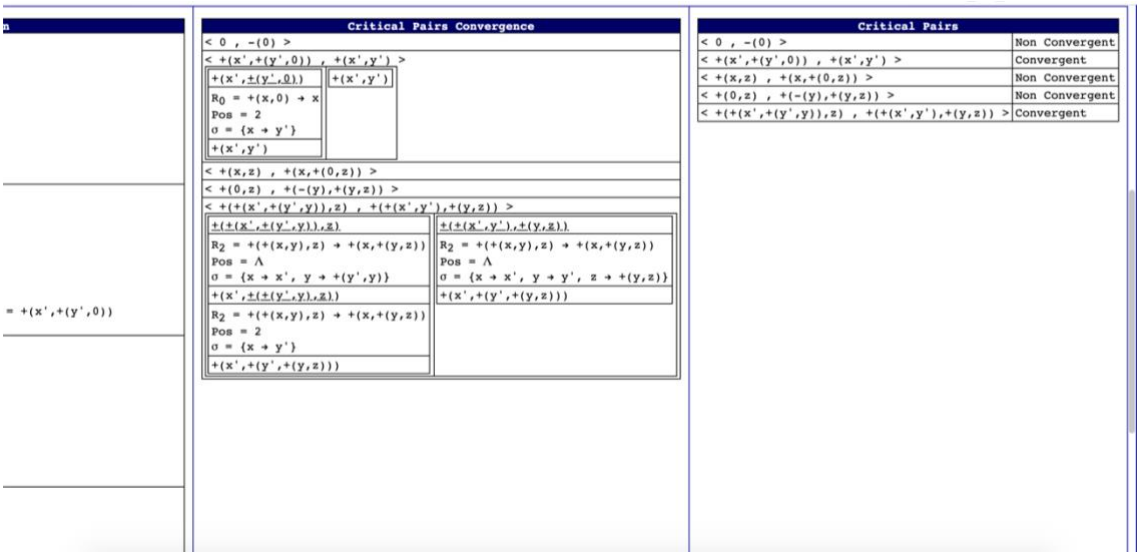
TAREA 1.2 RAZONAMIENTO ECUACIONAL (II)

FLA – Fundamentos Lógicos Algebraicos



MITS
Sergi Sanz Carreres

1.- Captura de la ejecución de la TRS.Tool calculado los pares críticos



Critical Pairs Convergence

< 0 , -(0) >

< +(x',+(y',0)) , +(x',y') >

+(x',±(y',0))	+(x',y')
R_0 = +(x,0) → x Pos = 2 σ = {x → y'}	
+(x',y')	

< +(x,z) , +(x,+(0,z)) >

< +(0,z) , +(-(y),+(y,z)) >

< +(+(x',+(y',y)),z) , +(+(x',y'),+(y,z)) >

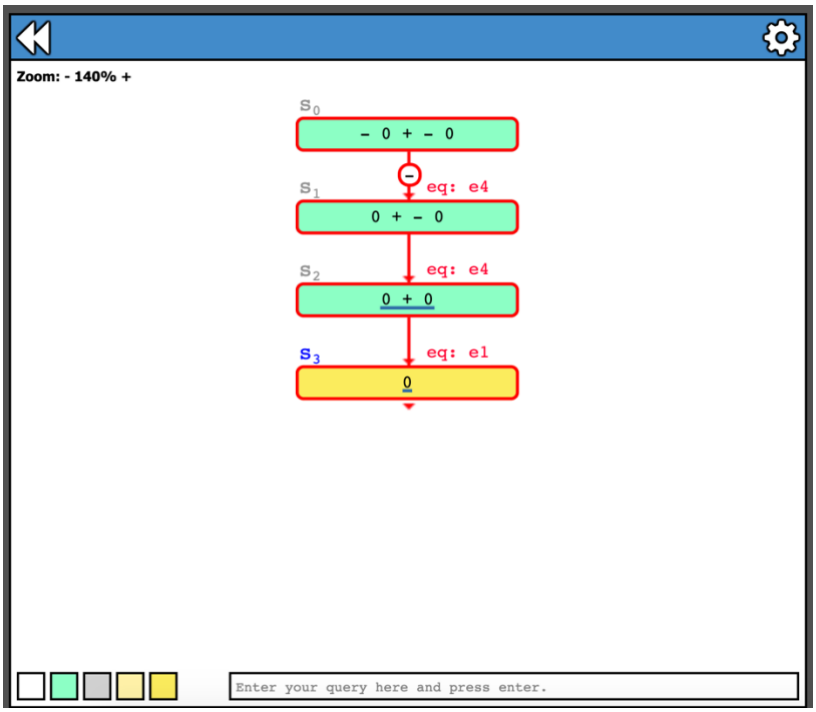
+(+(x',+(y',y)),z)	+(+(x',y'),+(y,z))
R_2 = +(+(x,y),z) → +(x,+(y,z)) Pos = Λ σ = {x → x', y → +(y',y)}	R_2 = +(+(x,y),z) → +(x,+(y,z)) Pos = Λ σ = {x → x', y → y', z → +(y,z)}
+(x',±(+(y',y),z))	+(x',+(y',+(y,z)))
R_2 = +(+(x,y),z) → +(x,+(y,z)) Pos = 2 σ = {x → y'}	
+(x',+(y',+(y,z)))	

Critical Pairs

< 0 , -(0) >	Non Convergent
< +(x',+(y',0)) , +(x',y') >	Convergent
< +(x,z) , +(x,+(0,z)) >	Non Convergent
< +(0,z) , +(-(y),+(y,z)) >	Non Convergent
< +(+(x',+(y',y)),z) , +(+(x',y'),+(y,z)) >	Convergent

2.- Dos capturas de Anima demostrando por reescritura los 2 teoremas ecuaciones.

a) Primera demostración



b) Segunda demostración