α β yt yt-1 lt lt-1 bt bt-1

lt = αyt + (1 – α)(lt-1 + bt-1)

bt = β(lt - lt-1) + (1 – β)bt-1

yt+1 =lt + bt

α = 0,9

β = 0,1

lt2 = 0,9(145,9) + (1 – 0,9)(266+(145,9-266))

= 131,31 + 0,1(145,9)

= 131,31 + 14,59

= 145,9

bt2 = 0,2(145,9 – 266) + (1 – 0,2)(145,9 – 266)

= 0,2(-120,1) + 0,8(-120,1)

= -24,02 + (-96,08)

= -120,1

yt+1 =lt + bt

= 145,9 + (-120,1)

= 25,8

lt3 = 0,9(183,1) + (1 – 0,9)(25,8))

= 164,79 + 0,1(25,8)

= 164,79 + 2,58

= 167,37

bt3 = 0,2(167,37 – 145,9) + (1 – 0,2)(-120.1)

= 0,2(21.47) + 0,8(-120,1)

= 4,295 + (-96,08)

= -91,79

yt+1 =lt + bt

= 167,37+ (-91,79)

= 75,6