```
Iteration 3 (comen :
   m, = 1.26, ; ba = 1.9)
  predictions:
 · 7, = 3.16, ei = - 0.16
 - 7, = 5.68, e2 = 0.32
 andients,
    Exist = 1x (-0.16) + 3x(0.32) = -0.16+0.96
                                            = 0.80
    SO 8J - 1x0.80 = 0.80
        om
   £ei = -0.16 + 0.32 = 0.164
    30 8J = -1 x 0.16 = -0.16
       86
  Upolate Parameters:
                                            -
· , mg = 1.26 - 0.1x(-0.80) = 1.26 + 0.08 = 134 =
: , b3 = 1.9 - 0.1 x (-0.16) = 1.9 + 0.016=1.916=
                                             1
```

Productions & MSE after uplate (awan
$$m_3 = 1.34$$
):

 $\hat{A}_1 = 1.34 \times 1 + 1.916 = 1.34 + 1.916 = 3.256$

From: $3.3.256 = -0.256y$
 $\hat{A}_2 = 1.34 \times 3 + 1.916 = 4.02 + 1.916 = 5.936$

Error: $6-5.936 = 0.064y$

... MSE after Her 3:

MSE₂ = $(-0.256)^2 + (0.064)^2$
= $0.065536 + 0.609696$

= $0.069632 = 0.034816$