

```
(10)(1)
                                      max
                                                   (assumed at x=0)
                                      0, X40
            Z = Rell'(x)
                    W[2] a (1) (i) b (2)
         = \alpha^{[2]} = \sigma
                                      Sigmoid)
Vectorizing
                                     descent
                                S Mas
                  W[2]
           [2] =
                       Pris SMES
                                           b[17 = b[1] - X 2/
         b[17 =
                                                            2 b [2]
```

```
Now,
                                  27[2]
                           2A[1]
                                                Choin Rule
                            JY (m)
                                    SMES
                                         T-Y
        2 A(2)
                                            \sigma'(z) = \sigma(z)(1-\sigma(z))
           [1]
    7)
          2 W[2]
      Similarly
                                                   In p sum (dZ, axis:)
                                      Vectouzed =
                  2/(2)
                                       SACIT
                               7[2]
         2 M (1)
                    27627
                               a AW
                                        2 MGD
                                         ACOT
                           SIGNUM (.AG2)
```