```
MOHN 390,4
  1ective 11 3/3
    V = [ 7, 1 12]
    coisp [v] := spon [{v, v23]
   Proj v(ā) ≠ proj v(ā) + proj v2 (ā)
   H a = H1 2 + H2 2
   13 H, + Hz oxnagonal
     1) proj_v(a) = cv1 + c2v2 e colsp[v]
     2) projv(a) 1 a - projv(a)
                                               holdsir ...
                                                  1) 0 = -90 05 900
           Lo projvia) T (a - projvia)) = 0
                                                  2) HIQ 1 H2Q
           Lo 211 HIR 11 11 11 11 11 11 11 11
             COS(0-( Hia, Hza) =0
    buol 1 (g) = Duol 1/2 (a) + " + Duol 1/2 (a)
           Ha = H, a + ... + H, a
               ( VIVII + ... + VZ VZT ) &
  1et 11VII = ... = 11 Vall = 1 Ha
     Q = [V, ]... | Vd] projv(0) = (V, V, T + ... + Vd Vd) ) 0
                                                                 [6] gelos: [v] gelos 77,
outhoopho!
                                                                     VCVTV) VT . QQT
             unit length 8
   60315
"OHNOROMOI"
              cutocounal
                                    EVIV2 ... VO] [VIT OF EH = V(VTV) VT
    XERT X(P+1)
                                                                     eliminates
      anonge of bosis
                                                                    donne contant
        XDCX
                                                                     Compromonizing)
        X = QR
                 Q=XR-1
    Uxbal Uxbal Dalxbal
                Full ronk
  MOONEY
    R is upper triangular
                                        B=(KTX) XTY
                                       (XTX ) B = XTY
                                                                           ROVIEW
                    cde-
                                                                              35T = SSR + 35E
                   OFG
                                    ((QR)T(QR) = (QR)TY
                                      LOOK
                                                                              2 (41-43
                                                                             55T = 55R + 35E
                                                                                 R24 RMSE L
                                                                          Fixed Runchon of y
                                                                             (does not ononge)
```

$$\sum_{i=1}^{\infty} (\sqrt{i} - \sqrt{i})^{2} = \sum_{i=1}^{\infty} \hat{y}_{i} - 25 \sum_{i=1}^{\infty} \hat{y}_{i} + \sum_{i=1}^{\infty} y^{2} = 11 \hat{y}^{2} 11^{2} - 2ny^{2} + ny^{2}, || \vec{y}^{2} ||^{2} - ny^{2} = \\ \sum_{i=1}^{\infty} \hat{y}_{i} - \hat{y}^{2} + \hat{y}_{i} - \hat{y}^{2} + \hat{y}_{i} - \hat{y}^{2} + \hat{y}^{2} +$$