```
LO = (aO1, aO1. aO2, aO1. aO2. aO3, ____, aO1. aO2. ... and)
Lahier LO'= (1, aoi, aoi. ao2, aoi. ao2. ao3; a bi.ao2.ao3.aio, aoi.ao2.ao3.aio, —)
                                                                                                                                                MIL PLUNCK'S
                      = \alpha_{01} + (v_1) \Rightarrow L[0]
                                                                                                                                                   going xings
                                   902 + 901 (V1) LEIJ
           a13 = a03 + a01 · a02 · VA L[2]
          a_{21} = a_{11} + \sqrt{2} = a_{01} + v_{1} + \sqrt{2} = LEO \boxed{4} + v_{20} = LEO \boxed{7}
          a_{22} = a_{12} + a_{11} v_{2} = a_{02} + a_{01} \cdot v_{1} + a_{01} + v_{1} \cdot v_{2} = L[1] + L[0] \cdot v_{2}
                                 ans + an ans = an + an · ans · v, + (an + v) · (an + an · v)
                                                                                                                                 = L[2] + L[0]. L[1]. V2 = L[2]
                                                                                                       = a01+V1+V2+V3 = LE0]+V3 = LE0]
       932 = A22 + A21 · V3 = [a02 + a01 · V1 + (a01 + V1) V2 + (a01 + V1 + V2) · V3
      A_{33} = A_{23} + A_{21} \cdot A_{22} \cdot V_3 = A_{03} + A_{01} \cdot A_{02} \cdot V_1 + A_{01} + A_{01} \cdot V_1 \cdot V_2 + A_{01} \cdot V_1 \cdot V_1 \cdot V_2 + A_{01} \cdot V_2 \cdot V_2 + A
                                                                                                              + (a01 + V1 + V2). (a02+ a01. V) + (a01+ V1). V2) · V3
         Idea
          (a00,001,002,010,011,012,010,
        LO = (a01, a01. a02, a01. a02.a03, ____
                     l-steps
      LL = (aox + VX, ao2 + aox. V, ) -, ane = aoe + aox ... aoe- v,
                                                                                                                                                                                         LOCKI/LOCK-NJ LOCK-NJ
                                                                                                                                                                   1+ Li-1[0] .V.
       Li = Li-1 [0] + ri, Li-1 [1]/Li-1 [0], Li-1 [2]/Li-1 [1],
                                                                                                                                                                                          Lin [j] / Lin [j-1]
                                                                                                                                                                                                        + Li-1 [j-1] · Ve
```

a) Manually Code the first ℓ equations.

Then update vector! L(0)/L(0) $L[0] = a_{01} + v_{1}$ $L[0] = a_{02} + a_{01} \cdot v_{1}$ $L[1] = a_{02} + a_{01} \cdot a_{02} \cdot v_{1}$ $L[1] = a_{03} + a_{01} \cdot a_{02} \cdot v_{1}$ $L[1] = a_{03} + a_{01} \cdot a_{02} \cdot v_{1}$ $L[1] = a_{01} \cdot a_{02} \cdot a_{01} \cdot a_{02} \cdot a_{03}$ $L[0] \quad L[1]/L[0] \quad L[2]/L[1]$ $L[0] \quad a_{00} \cdot a_{01} \cdot a_{02} \cdot a_{01} \cdot a_{02}$