## Biçimsel Diller ve Otomata Teorisi

## Ödev-7

```
3.1.1 2) 22, 622, 262, 206, 228
        6) S=> AA=> 6AA=> 6AA6=> 6A66A6=> 6a66A6=> 6a66a6
            S=> AA => LAA => LAA b => LAbbab => LAbbab => Labbabe => Cabbab
            S => AA -> LAA => babbA => babbA => babbAb=> babbaba
            S=> AA => AA6=> LAA6=> 6a6A6=> 6a6A6=> 6a6b66=> 6a6b66=>
         C) S=>AA
              =>m LMAA
              =>n L"AL"A
              => 6"AL"AL"
              => 6ma6 A6
              => Lmababe
3.1.2 S=>LAL
                          3.1.3 a) G-(V, Z, R, S)
           => 6556
                                     V= 92,6,83
           => 62 A2 S6
           => 628S2S6
                                      2=92,63
           => 62 5256
                                      R= {5 = 252, 5 = 686, 5 = 6}
           => 600 SL
                                  6) G= (V, E, R,S)
           => bashbalb
                                      V= { = , 6, 5 }
           => 600 BB BB BB
            => baab Sbb
                                       5 = 8 = ,63
                                       R=38-> 252,8->686,8->e}
           => 622666
                                   c) G= (V, E, R, S)
                                      V= 3 2,6,53
                                       Z={2,6}
                                       R= 3 S -> 282, S -> 686, S -> e}
3.1.8 G=(V, Z, R,S)
       V= { = , < , (6); J, if, then, white, do, begin, end, +, +, (), rd, T,
            I, E, S, M3
       Z= 9:=, c, 161, j, if, then, whole, do, begin, end, +, +, (,1, id)
        R= SS-sid := E, S-sit ELE then S, Swhile ELE do S,
             50 goto 161, 50 begin M end, So 161:8, Mas S: M,
             E > E+T, E > T, T > T+F, T > F, F > (E), F > id}
```

