```
1.) Pogreške u postupcima
                          analize
 1.1)
       24,25
        24 = 11000 = 24.1.1

25 = 11001 = 24.1.1001
                             4 -> p=4/
                                   K=41 3=2 -1=7
      15.5 = 11111
                                -> 23.17777
                                               e-2=3 e=10
      0,75 = 0.11
                                -> 2-1 - 1,7
                                                e-2=-7, e=6
     15.5 = 010101111
0.75 = 001101000
   1.2)
      9, -0,1875
     9 = 1007
-0,1875 = -0.0017
= 1^{3} \cdot 1.007
-77 = 3
  k=3 bit -> e=1110!=6, a=3, exp ∈ €3,2,7,0,-7,-2}
  -0,1875 kao denorminani: -2-2.0,77 , k=3/
9 = 0 1 1 0 0 0 1 -0,1825 = 1 0 0 0 7 1 0
Bez greske frakcija mora
                        bit 7 (260g 0.0000011
 min = 0:000000 ->01
 max = 017101717 -> 23. 1.777 -> 15,1
  Ne more 129 jer bi (po tablici) to bio Wak
```

```
k=4, p=4, 100001100
1, 3
     e=0000-> denormirani! -> -21-2.0.77
                               =-26.0,75=-0,01771875/
1.4) [-100, 100] 20 = 0.5 -39,4.5
     100 = 1100100 = 26. 1.7001
     K=4-> e= 1110, 2=7, exp 6 { 7,6,..., -63/
     99 = 1100019 = 26.7.700077, p=6,1
98 = 1100010 = 26.7.70001
     4.5 = 100.1 = 22.1.007
     26. 1.100017! -> moie veći - manji i dodati
-26. 0.000100:1 predznak
      26.1.077.17.1 =-95/
7.5)
     p=5, k=3, 2=3
     \min = 0.00000001 - \frac{2}{2} \cdot \frac{2}{2} = \frac{2}{1}
                             -> 23. 1. 11111 = 1717.11 = 15.75/
      max = 0 11011111
 b)
      0 = 0 0 0 0 0 0 0 0 0
     0=077100000
 c)
      2-p-1 = 2^{3-5-1} = 2^{-3} = 0.125/
```

```
7.67
          K=4
                    248.5
                                 2=4
          P=5
                    -25,25
                                 e-2 = exp
     249.5 = 71717001.9 = 2^{7}.1.17170017

-25.25 = 11001.07. = 24.1.100161
     2495 = 0111017710
                                 (248)
                                  (252)
                        71111
    -25,25 = 7,109170070 (25)
                                             Mislim da Si trebalo
                       10047 (25.5) biti svejedno ordje
    27. 7.7 77 70
   -23.0.007700701
 = 27 · 1.77000 = 224/ Greška je 0.25/
1,7)
                   0101777700
       K=3
       P = 5
                   e=5 , 2=3 , exp=5-3=2
                   22 .7,771 = 771,7 = 7.5
1,8)
                (4,73+0,25)+10 Ne vrijedi 2socijativnost!
      K=3
      p=4
                 4,75+(0,25+70)
 4,75 = 700.77 = 2^{2} \cdot 1.0077
0.25 = 0.01 = 2^{0}.0000.07
10 = 1010 = 2^{3} \cdot 7.07
1 4.75 +0.25
                                 Ti
                                       - 70 + 0.23
  2<sup>2</sup> · 7.00 71
+ 2<sup>2</sup> · 0.0001
                                       1 23 . 1.0 10 0 1
 = 2 - 1.0 1.00 = 5//
                                        = 23. 1,0100 = 1011
  10 + 5
                                          70 + 4,35
23.7.0100
                                        23 . 7,0760 | + 23 . 0.70011
+ 23 , 0, 7 0 1 0
 23. 1, 1 1 1 0 0 = 15/
                                     = 93. 1.110.7 = 14.5/
Manja je greška ako se prvo zbrajaju "bliži" brojeci
```



```
1.11)
     K=3
               5.75, -77
     P = 4
               2=3
 5.75 = 101.11 = 2 1.0111
  -11 = - 7011 = -23 . 1.0110
  5,75 = 011010171
  -11 = 11100110
  11-5,75
 - 2<sup>3</sup> · 1.0 · 1.0 · 1.0 · 1.1
  23.0.104.1 = 101.1 = 5.5/
1.17)
       37.25, 504
                         9.5, -25.25
  31.25 = 11111.01 = 24.1.111101 } P = 6
K=5,-> 2=75, e= 11770, exp [15,-14] /
 -25.25 = -77001.01 =-24.7.700107
 9.5 = 1001.1 = 2^3.7.0011
 -25.5 = 1100111700709
 9.5 = 010010001100
 25.25 - 9.5
 24 · 7.100101
-24 · 0.100170
  24.0.111111 11111=15.75/
  Opet, može veći - manji i dodat predznah
```