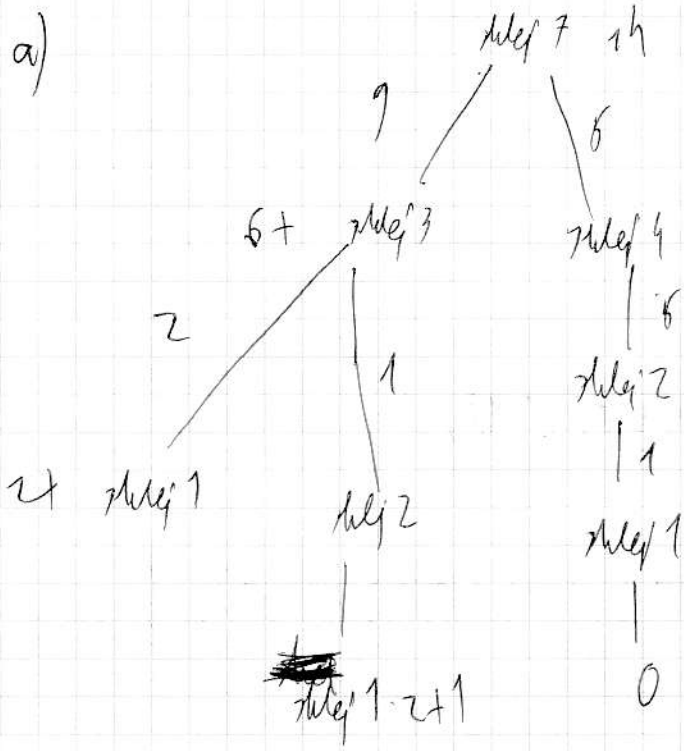
2011_m

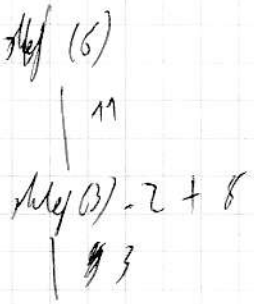
a)

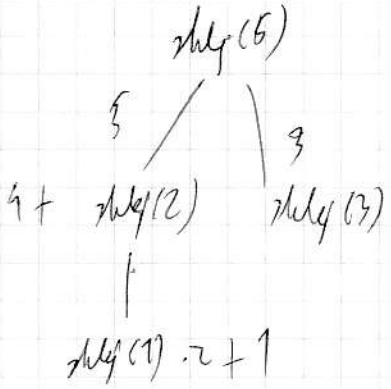


b) Algorytm napisano błędnie

b)

n	f(n)
3	3
4	5
6	8
6	11

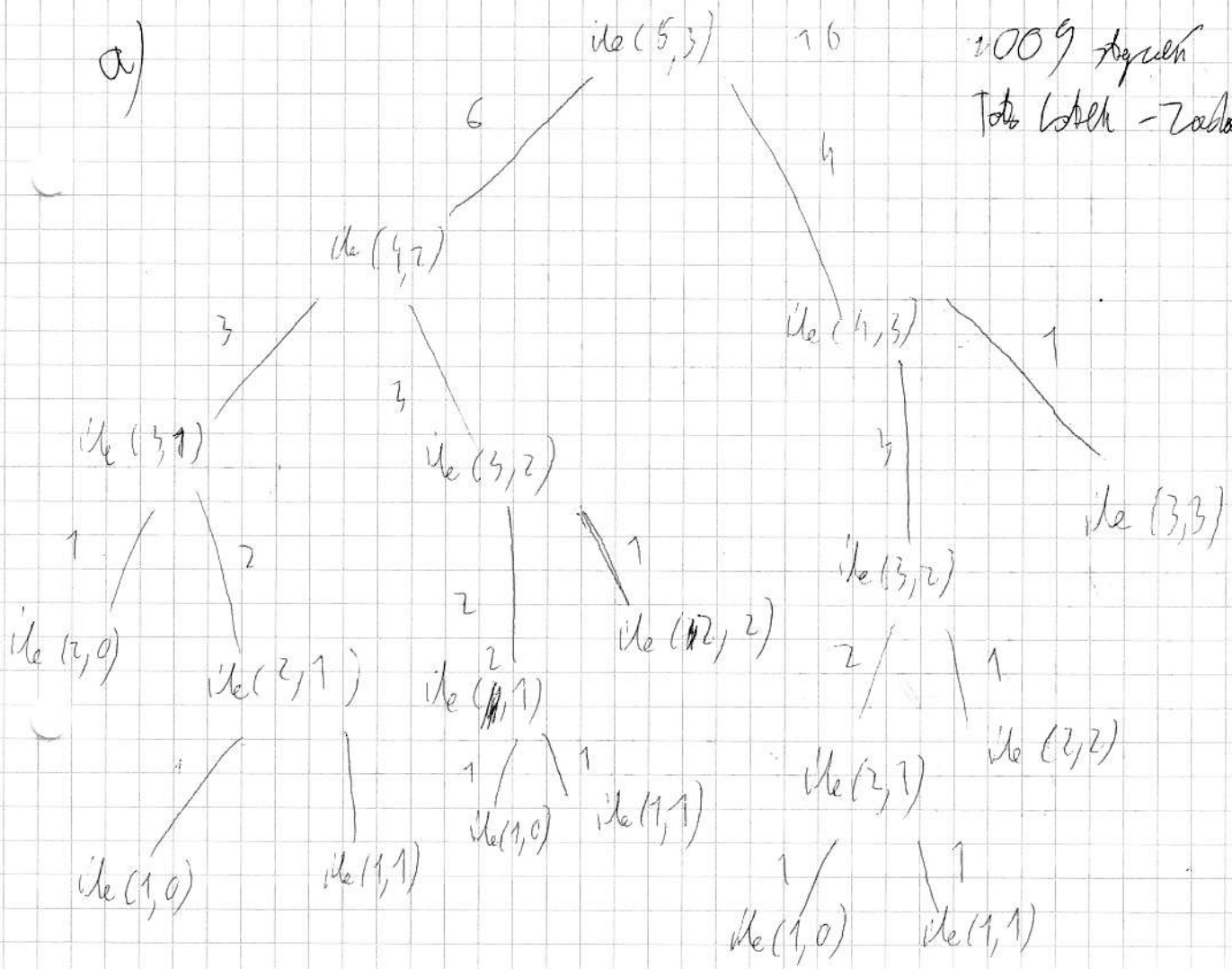




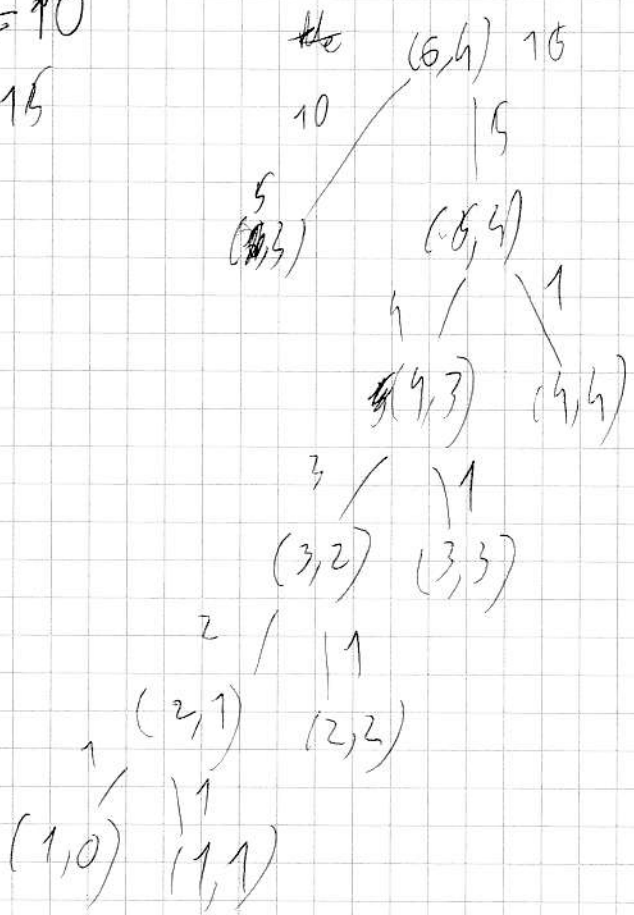
c) $x[1] = 0$
$x[2] = 1$

```
for (i=3 ; i<= n ; i++)
{  if (i%2==0)
   { x[i] = 2*x[i/2] + (i-1); }
   else
   { x[i] = x[(i-1)/2] + x[(i+1)/2] + (i-1); }
```

a)



b) ggT(6,3) = 10
ggT(6,4) = 15



c)

```
for (i=0; i<=6; i++)
  {
    for (j=0; j<=6; j++)
      {   if (i==j)   b[i,j]=1
          if (j==0)   b[i,j]=1
      } }

for (i=2; i<=6; i++)
  { for (j=1; j<=i; j++)
    {  b[i,j]= b[i-1,j] + b[i-1,j-1] }
  }
```

b[2,1]= b[1,1]+b[1,