

Рекурсия

При $x = 1, 2, 3, 4, 5, 6$ функция $f(x)$ принимает указанные значения. Чему равно значение $f(7)$? Создать рекуррентную процедуру.

Задача 4.1 1, 1, 3, 18, 180, 2700 <small>4.1</small>	Задача 4.2 2, 3, 7, 19, 63, 259 <small>4.1</small>
Задача 4.3 1, 5, 10, 24, 49, 103 <small>4.1</small>	Задача 4.4 1, 6, 13, 27, 50, 89 <small>4.1</small>
Задача 4.5 0, 4, 5, 11, 14, 22 <small>4.1</small>	Задача 4.6 1, 6, 13, 27, 50, 89 <small>4.1</small>
Задача 4.7 1, 2, 5, 14, 47, 194 <small>4.1</small>	Задача 4.8 1, 4, 11, 26, 57, 120 <small>4.1</small>
Задача 4.9 1, 0, 1, 4, 15, 64 <small>4.1</small>	Задача 4.10 1, 7, 16, 28, 43, 61 <small>4.1</small>
Задача 4.11 1, 5, 18, 58, 179, 543 <small>4.1</small>	Задача 4.12 1, 5, 11, 19, 29, 41 <small>4.1</small>
Задача 4.13 1, 3, 10, 43, 225, 1393 <small>4.1</small>	Задача 4.14 2, 4, 9, 27, 107, 533 <small>4.1</small>
Задача 4.15 1, 2, 5, 13, 32, 74 <small>4.1</small>	Задача 4.16 1, 2, 3, 7, 22, 155 <small>4.1</small>
Задача 4.17 1, 5, 11, 19, 29, 41 <small>4.1</small>	Задача 4.18 1, 5, 11, 19, 29, 41 <small>4.1</small>
Задача 4.19 1, 1, 9, 33, 81, 161 <small>4.1</small>	Задача 4.20 1, 3, 7, 17, 41, 99 <small>4.1</small>
Задача 4.21 1, 5, 18, 58, 179, 543 <small>4.1</small>	Задача 4.22 1, 5, 11, 19, 29, 41 <small>4.1</small>
Задача 4.23 0, 4, 5, 11, 14, 22 <small>4.1</small>	Задача 4.24 1, 2, 3, 5, 8, 13 <small>4.1</small>
Задача 4.25 1, 2, 5, 11, 21, 36 <small>4.1</small>	Задача 4.26 1, 6, 13, 27, 50, 89 <small>4.1</small>
Задача 4.27 1, 3, 5, 11, 21, 43 <small>4.1</small>	Задача 4.28 1, 5, 10, 24, 49, 103 <small>4.1</small>

Задача 4.29 1, 3, 7, 17, 41, 99 <small>4.1</small>	Задача 4.30 1, 2, 3, 7, 22, 155 <small>4.1</small>
Задача 4.31 1, 2, 3, 5, 8, 13 <small>4.1</small>	Задача 4.32 1, 0, 1, 4, 15, 64 <small>4.1</small>

Рекурсия

1	56700	$g[n-1]n(n-1)/2$
2	1303	$g[n-1](n-2)+n+1$
3	208	$g[n-1]+2g[n-2]+n$
4	153	$g[n-1]+g[n-2]+2n$
5	27	$n*n-g[n-1]$
6	153	$g[n-1]+g[n-2]+2n$
7	977	$g[n-1](n-2)+n$
8	247	$2g[n-1]+n$
9	325	$g[n-1](n-2)+n-2$
10	82	$g[n-1]+3n$
11	1636	$3g[n-1]+n$
12	55	$g[n-1]+2n$
13	9976	$ng[n-1]+g[n-2]$
14	3195	$gn-1-n+4$
15	163	$2g[n-1]+(n-2)(n-1)/2$
16	3411	$g[n-1]g[n-2]+1$
17	55	$g[n-1]+2n$
18	55	$g[n-1]+2n$
19	281	$g[n-1]+4(n-2)(n-1)$
20	239	$2g[n-1]+g(n-2)$
21	1636	$3g[n-1]+n$
22	55	$g[n-1]+2n$
23	27	$n*n-g[n-1]$
24	21	$g[n-1]+g[n-2]$
25	57	$g[n-1]+(n-1)n/2$
26	153	$g[n-1]+g[n-2]+2n$
27	85	$g[n-1]+2g(n-2)$
28	208	$g[n-1]+2g[n-2]+n$
29	239	$2g[n-1]+g(n-2)$
30	3411	$g[n-1]g[n-2]+1$
31	21	$g[n-1]+g[n-2]$
32	325	$g[n-1](n-2)+n-2$