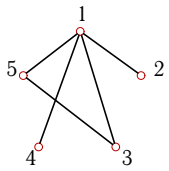
Хроматический полином (5)

Найти хроматический полином графа, хроматическую редукцию и число раскрасок x_0 цветами.

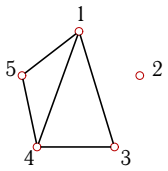
Задача 20.1



$x_0 = 4$

20.3

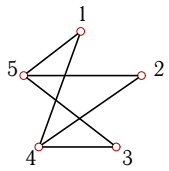
Задача 20.2



$x_0 = 4$

20.3

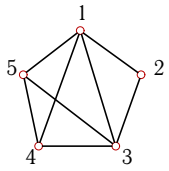
Задача 20.3



$x_0 = 6$

20.3

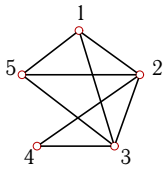
Задача 20.4



$x_0 = 4$

20.3

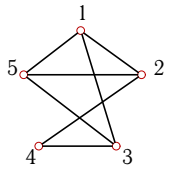
Задача 20.5



$x_0 = 3$

20.3

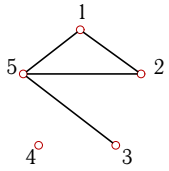
Задача 20.6



$x_0 = 6$

20.3

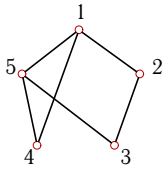
Задача 20.7



$x_0 = 5$

20.3

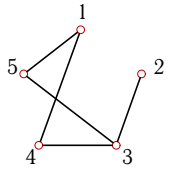
Задача 20.8



$x_0 = 4$

20.3

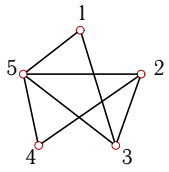
Задача 20.9



$x_0 = 4$

20.3

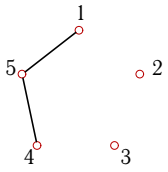
Задача 20.10



$x_0 = 6$

20.3

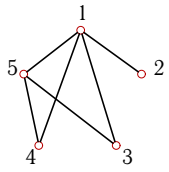
Задача 20.11



$x_0 = 4$

20.3

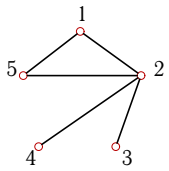
Задача 20.12



$x_0 = 4$

20.3

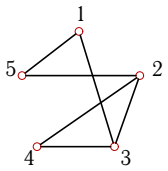
Задача 20.13



$x_0 = 6$

20.3

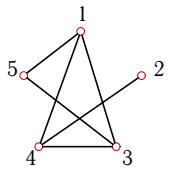
Задача 20.14



$x_0 = 3$

20.3

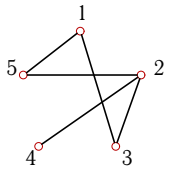
Задача 20.15



$x_0 = 4$

20.3

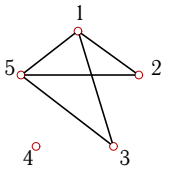
Задача 20.16



$x_0 = 3$

20.3

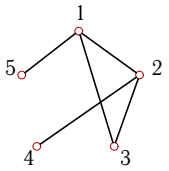
Задача 20.17



$x_0 = 5$

20.3

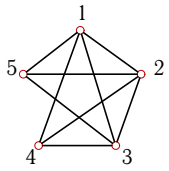
Задача 20.18



$x_0 = 5$

20.3

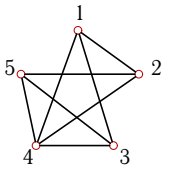
Задача 20.19



$x_0 = 6$

20.3

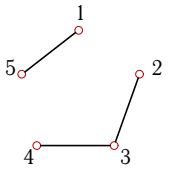
Задача 20.20



$x_0 = 6$

20.3

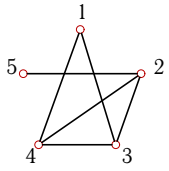
Задача 20.21



$x_0 = 4$

20.3

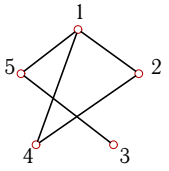
Задача 20.22



$x_0 = 3$

20.3

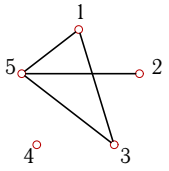
Задача 20.23



$x_0 = 4$

20.3

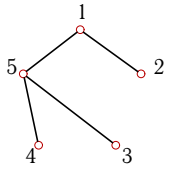
Задача 20.24



$x_0 = 5$

20.3

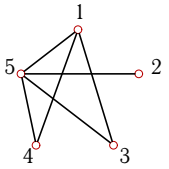
Задача 20.25



$x_0 = 4$

20.3

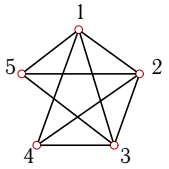
Задача 20.26



$x_0 = 5$

20.3

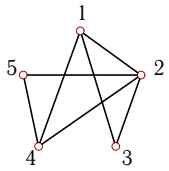
Задача 20.27



$x_0 = 3$

20.3

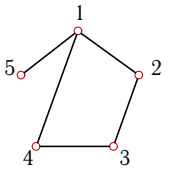
Задача 20.28



$x_0 = 3$

20.3

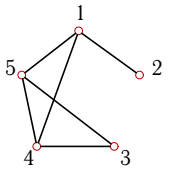
Задача 20.29



$x_0 = 4$

20.3

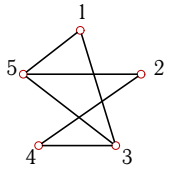
Задача 20.30



$x_0 = 4$

20.3

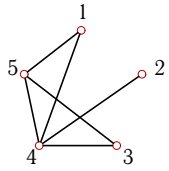
Задача 20.31



$x_0 = 3$

20.3

Задача 20.32



$x_0 = 4$

20.3

Хроматический полином (5)

№	$C(x)$	Редукция	$C(x_0)$
1	$x^5-5x^4+9x^3-7x^2+2x$	$4x^{(3)}+5x^{(4)}+x^{(5)}$	216
2	$x^5-5x^4+8x^3-4x^2$	$3x^{(3)}+5x^{(4)}+x^{(5)}$	192
3	$x^5-6x^4+15x^3-17x^2+7x$	$x^{(2)}+4x^{(3)}+4x^{(4)}+x^{(5)}$	2670
4	$x^5-8x^4+23x^3-28x^2+12x$	$2x^{(4)}+x^{(5)}$	48
5	$x^5-8x^4+23x^3-28x^2+12x$	$2x^{(4)}+x^{(5)}$	0
6	$x^5-7x^4+19x^3-23x^2+10x$	$2x^{(3)}+3x^{(4)}+x^{(5)}$	2040
7	$x^5-4x^4+5x^3-2x^2$	$6x^{(3)}+6x^{(4)}+x^{(5)}$	1200
8	$x^5-6x^4+14x^3-15x^2+6x$	$3x^{(3)}+4x^{(4)}+x^{(5)}$	168
9	$x^5-5x^4+10x^3-9x^2+3x$	$x^{(2)}+5x^{(3)}+5x^{(4)}+x^{(5)}$	252
10	$x^5-7x^4+18x^3-20x^2+8x$	$x^{(3)}+3x^{(4)}+x^{(5)}$	1920
11	$x^5-2x^4+x^3$	$4x^{(2)}+14x^{(3)}+8x^{(4)}+x^{(5)}$	576
12	$x^5-6x^4+13x^3-12x^2+4x$	$2x^{(3)}+4x^{(4)}+x^{(5)}$	144
13	$x^5-5x^4+9x^3-7x^2+2x$	$4x^{(3)}+5x^{(4)}+x^{(5)}$	3000
14	$x^5-6x^4+14x^3-15x^2+6x$	$3x^{(3)}+4x^{(4)}+x^{(5)}$	18
15	$x^5-6x^4+13x^3-12x^2+4x$	$2x^{(3)}+4x^{(4)}+x^{(5)}$	144
16	$x^5-5x^4+10x^3-9x^2+3x$	$x^{(2)}+5x^{(3)}+5x^{(4)}+x^{(5)}$	36
17	$x^5-5x^4+8x^3-4x^2$	$3x^{(3)}+5x^{(4)}+x^{(5)}$	900
18	$x^5-5x^4+9x^3-7x^2+2x$	$4x^{(3)}+5x^{(4)}+x^{(5)}$	960
19	$x^5-9x^4+29x^3-39x^2+18x$	$x^{(4)}+x^{(5)}$	1080
20	$x^5-8x^4+24x^3-31x^2+14x$	$x^{(3)}+2x^{(4)}+x^{(5)}$	1560
21	$x^5-3x^4+3x^3-x^2$	$2x^{(2)}+10x^{(3)}+7x^{(4)}+x^{(5)}$	432
22	$x^5-6x^4+13x^3-12x^2+4x$	$2x^{(3)}+4x^{(4)}+x^{(5)}$	12
23	$x^5-5x^4+9x^3-7x^2+2x$	$4x^{(3)}+5x^{(4)}+x^{(5)}$	216
24	$x^5-4x^4+5x^3-2x^2$	$6x^{(3)}+6x^{(4)}+x^{(5)}$	1200
25	$x^5-4x^4+6x^3-4x^2+x$	$x^{(2)}+7x^{(3)}+6x^{(4)}+x^{(5)}$	324
26	$x^5-6x^4+13x^3-12x^2+4x$	$2x^{(3)}+4x^{(4)}+x^{(5)}$	720
27	$x^5-9x^4+29x^3-39x^2+18x$	$x^{(4)}+x^{(5)}$	0
28	$x^5-7x^4+18x^3-20x^2+8x$	$x^{(3)}+3x^{(4)}+x^{(5)}$	6
29	$x^5-5x^4+10x^3-9x^2+3x$	$x^{(2)}+5x^{(3)}+5x^{(4)}+x^{(5)}$	252
30	$x^5-6x^4+13x^3-12x^2+4x$	$2x^{(3)}+4x^{(4)}+x^{(5)}$	144
31	$x^5-6x^4+14x^3-15x^2+6x$	$3x^{(3)}+4x^{(4)}+x^{(5)}$	18
32	$x^5-6x^4+13x^3-12x^2+4x$	$2x^{(3)}+4x^{(4)}+x^{(5)}$	144