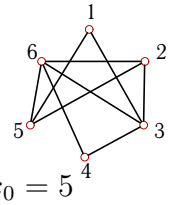
Хроматический полином (6)

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

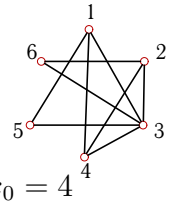
Задача 19.1



$x_0 = 5$

19.3

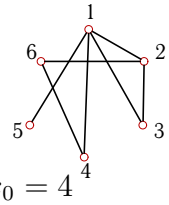
Задача 19.2



$x_0 = 4$

19.3

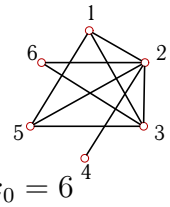
Задача 19.3



$x_0 = 4$

19.3

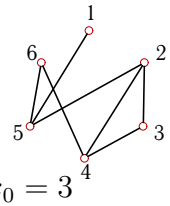
Задача 19.4



$x_0 = 6$

19.3

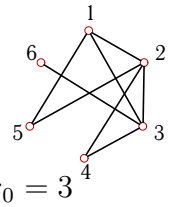
Задача 19.5



$x_0 = 3$

19.3

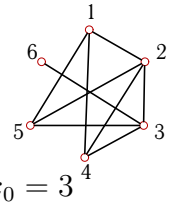
Задача 19.6



$x_0 = 3$

19.3

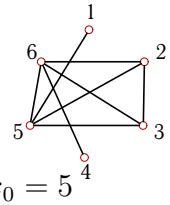
Задача 19.7



$x_0 = 3$

19.3

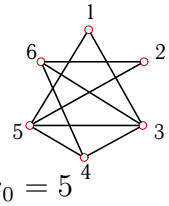
Задача 19.8



$x_0 = 5$

19.3

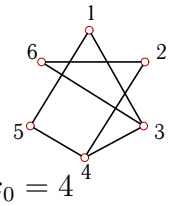
Задача 19.9



$x_0 = 5$

19.3

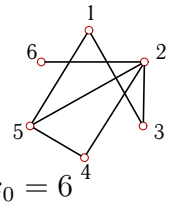
Задача 19.10



$x_0 = 4$

19.3

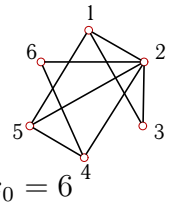
Задача 19.11



$x_0 = 6$

19.3

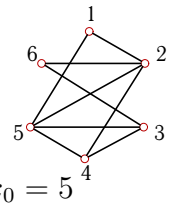
Задача 19.12



$x_0 = 6$

19.3

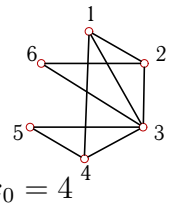
Задача 19.13



$x_0 = 5$

19.3

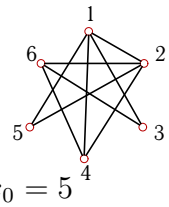
Задача 19.14



$x_0 = 4$

19.3

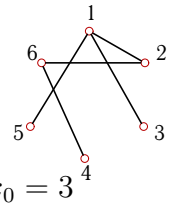
Задача 19.15



$x_0 = 5$

19.3

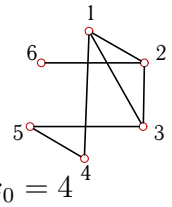
Задача 19.16



$x_0 = 3$

19.3

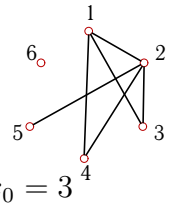
Задача 19.17



$x_0 = 4$

19.3

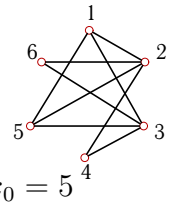
Задача 19.18



$x_0 = 3$

19.3

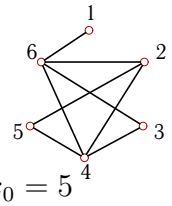
Задача 19.19



$x_0 = 5$

19.3

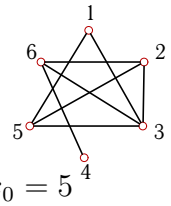
Задача 19.20



$x_0 = 5$

19.3

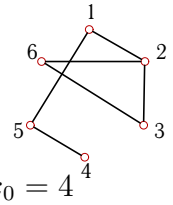
Задача 19.21



$x_0 = 5$

19.3

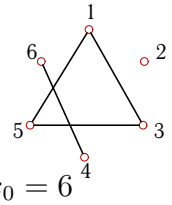
Задача 19.22



$x_0 = 4$

19.3

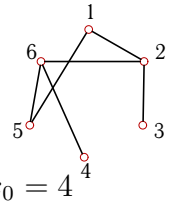
Задача 19.23



$x_0 = 6$

19.3

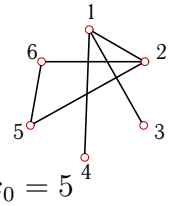
Задача 19.24



$x_0 = 4$

19.3

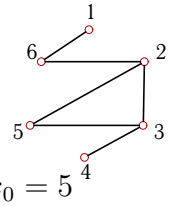
Задача 19.25



$x_0 = 5$

19.3

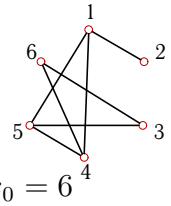
Задача 19.26



$x_0 = 5$

19.3

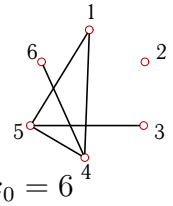
Задача 19.27



$x_0 = 6$

19.3

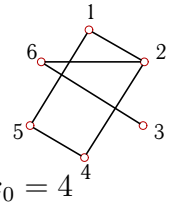
Задача 19.28



$x_0 = 6$

19.3

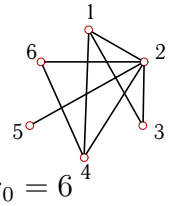
Задача 19.29



$x_0 = 4$

19.3

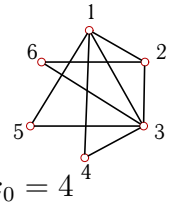
Задача 19.30



$x_0 = 6$

19.3

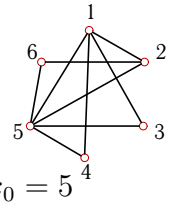
Задача 19.31



$x_0 = 4$

19.3

Задача 19.32



$x_0 = 5$

19.3

Хроматический полином (6)

№	$C(x)$	Редукция	$C(x_0)$
1	$x^6-9x^5+33x^4-61x^3+56x^2-20x$	$2x^{(3)}+8x^{(4)}+6x^{(5)}+x^{(6)}$	1800
2	$x^6-9x^5+32x^4-56x^3+48x^2-16x$	$x^{(3)}+7x^{(4)}+6x^{(5)}+x^{(6)}$	192
3	$x^6-7x^5+20x^4-29x^3+21x^2-6x$	$6x^{(3)}+15x^{(4)}+8x^{(5)}+x^{(6)}$	504
4	$x^6-9x^5+31x^4-51x^3+40x^2-12x$	$6x^{(4)}+6x^{(5)}+x^{(6)}$	7200
5	$x^6-7x^5+20x^4-29x^3+21x^2-6x$	$6x^{(3)}+15x^{(4)}+8x^{(5)}+x^{(6)}$	36
6	$x^6-8x^5+25x^4-38x^3+28x^2-8x$	$2x^{(3)}+10x^{(4)}+7x^{(5)}+x^{(6)}$	12
7	$x^6-9x^5+32x^4-55x^3+45x^2-14x$	$2x^{(3)}+7x^{(4)}+6x^{(5)}+x^{(6)}$	12
8	$x^6-8x^5+24x^4-34x^3+23x^2-6x$	$9x^{(4)}+7x^{(5)}+x^{(6)}$	1920
9	$x^6-9x^5+33x^4-61x^3+56x^2-20x$	$2x^{(3)}+8x^{(4)}+6x^{(5)}+x^{(6)}$	1800
10	$x^6-7x^5+21x^4-33x^3+27x^2-9x$	$x^{(2)}+8x^{(3)}+16x^{(4)}+8x^{(5)}+x^{(6)}$	588
11	$x^6-7x^5+20x^4-29x^3+21x^2-6x$	$6x^{(3)}+15x^{(4)}+8x^{(5)}+x^{(6)}$	12600
12	$x^6-9x^5+32x^4-56x^3+48x^2-16x$	$x^{(3)}+7x^{(4)}+6x^{(5)}+x^{(6)}$	7680
13	$x^6-9x^5+33x^4-61x^3+56x^2-20x$	$2x^{(3)}+8x^{(4)}+6x^{(5)}+x^{(6)}$	1800
14	$x^6-9x^5+32x^4-56x^3+48x^2-16x$	$x^{(3)}+7x^{(4)}+6x^{(5)}+x^{(6)}$	192
15	$x^6-9x^5+33x^4-61x^3+56x^2-20x$	$2x^{(3)}+8x^{(4)}+6x^{(5)}+x^{(6)}$	1800
16	$x^6-5x^5+10x^4-10x^3+5x^2-x$	$x^{(2)}+15x^{(3)}+25x^{(4)}+10x^{(5)}+x^{(6)}$	96
17	$x^6-7x^5+20x^4-29x^3+21x^2-6x$	$6x^{(3)}+15x^{(4)}+8x^{(5)}+x^{(6)}$	504
18	$x^6-6x^5+13x^4-12x^3+4x^2$	$6x^{(3)}+18x^{(4)}+9x^{(5)}+x^{(6)}$	36
19	$x^6-9x^5+34x^4-65x^3+61x^2-22x$	$4x^{(3)}+9x^{(4)}+6x^{(5)}+x^{(6)}$	2040
20	$x^6-8x^5+25x^4-38x^3+28x^2-8x$	$2x^{(3)}+10x^{(4)}+7x^{(5)}+x^{(6)}$	2160
21	$x^6-8x^5+25x^4-38x^3+28x^2-8x$	$2x^{(3)}+10x^{(4)}+7x^{(5)}+x^{(6)}$	2160
22	$x^6-6x^5+14x^4-16x^3+9x^2-2x$	$8x^{(3)}+19x^{(4)}+9x^{(5)}+x^{(6)}$	648
23	$x^6-4x^5+5x^4-2x^3$	$18x^{(3)}+30x^{(4)}+11x^{(5)}+x^{(6)}$	21600
24	$x^6-6x^5+15x^4-19x^3+12x^2-3x$	$x^{(2)}+11x^{(3)}+20x^{(4)}+9x^{(5)}+x^{(6)}$	756
25	$x^6-6x^5+14x^4-16x^3+9x^2-2x$	$8x^{(3)}+19x^{(4)}+9x^{(5)}+x^{(6)}$	3840
26	$x^6-6x^5+14x^4-16x^3+9x^2-2x$	$8x^{(3)}+19x^{(4)}+9x^{(5)}+x^{(6)}$	3840
27	$x^6-7x^5+20x^4-29x^3+21x^2-6x$	$6x^{(3)}+15x^{(4)}+8x^{(5)}+x^{(6)}$	12600
28	$x^6-5x^5+9x^4-7x^3+2x^2$	$12x^{(3)}+24x^{(4)}+10x^{(5)}+x^{(6)}$	18000
29	$x^6-6x^5+15x^4-19x^3+12x^2-3x$	$x^{(2)}+11x^{(3)}+20x^{(4)}+9x^{(5)}+x^{(6)}$	756
30	$x^6-8x^5+25x^4-38x^3+28x^2-8x$	$2x^{(3)}+10x^{(4)}+7x^{(5)}+x^{(6)}$	9600
31	$x^6-9x^5+32x^4-56x^3+48x^2-16x$	$x^{(3)}+7x^{(4)}+6x^{(5)}+x^{(6)}$	192
32	$x^6-9x^5+32x^4-56x^3+48x^2-16x$	$x^{(3)}+7x^{(4)}+6x^{(5)}+x^{(6)}$	1620