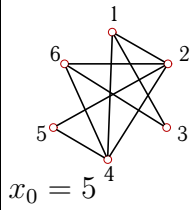


Хроматический полином (6)

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

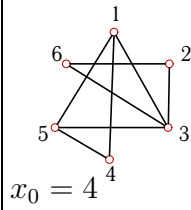
<p>Задача 19.1</p> <p>$x_0 = 5^4$</p> <p style="font-size: small;">19.2</p>	<p>Задача 19.2</p> <p>$x_0 = 3^4$</p> <p style="font-size: small;">19.2</p>	<p>Задача 19.3</p> <p>$x_0 = 6^4$</p> <p style="font-size: small;">19.2</p>
<p>Задача 19.4</p> <p>$x_0 = 5^4$</p> <p style="font-size: small;">19.2</p>	<p>Задача 19.5</p> <p>$x_0 = 5^4$</p> <p style="font-size: small;">19.2</p>	<p>Задача 19.6</p> <p>$x_0 = 6^4$</p> <p style="font-size: small;">19.2</p>
<p>Задача 19.7</p> <p>$x_0 = 6^4$</p> <p style="font-size: small;">19.2</p>	<p>Задача 19.8</p> <p>$x_0 = 4^4$</p> <p style="font-size: small;">19.2</p>	<p>Задача 19.9</p> <p>$x_0 = 5^4$</p> <p style="font-size: small;">19.2</p>
<p>Задача 19.10</p> <p>$x_0 = 5^4$</p> <p style="font-size: small;">19.2</p>	<p>Задача 19.11</p> <p>$x_0 = 5^4$</p> <p style="font-size: small;">19.2</p>	<p>Задача 19.12</p> <p>$x_0 = 5^4$</p> <p style="font-size: small;">19.2</p>
<p>Задача 19.13</p> <p>$x_0 = 3^4$</p> <p style="font-size: small;">19.2</p>	<p>Задача 19.14</p> <p>$x_0 = 6^4$</p> <p style="font-size: small;">19.2</p>	<p>Задача 19.15</p> <p>$x_0 = 3^4$</p> <p style="font-size: small;">19.2</p>

Задача 19.16



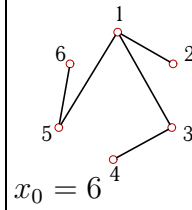
19.2

Задача 19.17



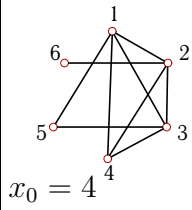
19.2

Задача 19.18



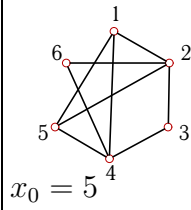
19.2

Задача 19.19



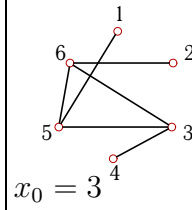
19.2

Задача 19.20



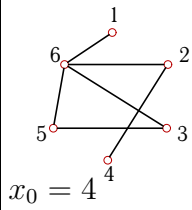
19.2

Задача 19.21



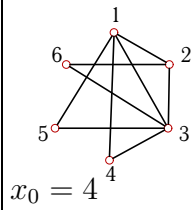
19.2

Задача 19.22



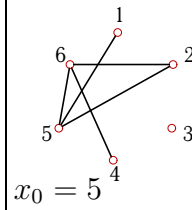
19.2

Задача 19.23



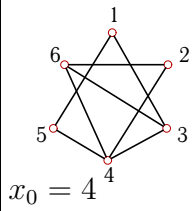
19.2

Задача 19.24



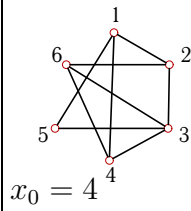
19.2

Задача 19.25



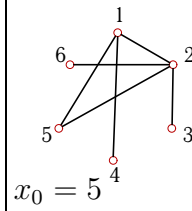
19.2

Задача 19.26



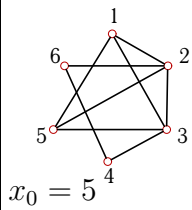
19.2

Задача 19.27



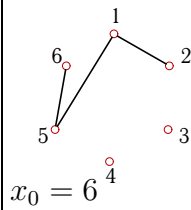
19.2

Задача 19.28



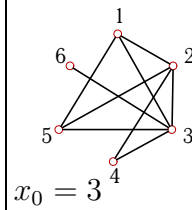
19.2

Задача 19.29



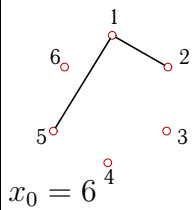
19.2

Задача 19.30



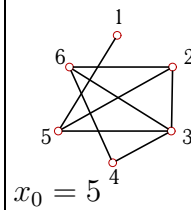
19.2

Задача 19.31



19.2

Задача 19.32



19.2

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	$x^6 - 6x^5 + 14x^4 - 16x^3 + 9x^2 - 2x$	$8x^{(3)} + 19x^{(4)} + 9x^{(5)} + x^{(6)}$	48
3	$x^6 - 9x^5 + 31x^4 - 51x^3 + 40x^2 - 12x$	$6x^{(4)} + 6x^{(5)} + x^{(6)}$	7200
4	$x^6 - 9x^5 + 33x^4 - 61x^3 + 56x^2 - 20x$	$2x^{(3)} + 8x^{(4)} + 6x^{(5)} + x^{(6)}$	1800
5	$x^6 - 5x^5 + 10x^4 - 10x^3 + 5x^2 - x$	$x^{(2)} + 15x^{(3)} + 25x^{(4)} + 10x^{(5)} + x^{(6)}$	5120
6	$x^6 - 8x^5 + 26x^4 - 42x^3 + 33x^2 - 10x$	$4x^{(3)} + 11x^{(4)} + 7x^{(5)} + x^{(6)}$	10200
7	$x^6 - 7x^5 + 17x^4 - 17x^3 + 6x^2$	$12x^{(4)} + 8x^{(5)} + x^{(6)}$	10800
8	$x^6 - 8x^5 + 25x^4 - 38x^3 + 28x^2 - 8x$	$2x^{(3)} + 10x^{(4)} + 7x^{(5)} + x^{(6)}$	288
9	$x^6 - 9x^5 + 32x^4 - 55x^3 + 45x^2 - 14x$	$2x^{(3)} + 7x^{(4)} + 6x^{(5)} + x^{(6)}$	1680
10	$x^6 - 9x^5 + 32x^4 - 55x^3 + 45x^2 - 14x$	$2x^{(3)} + 7x^{(4)} + 6x^{(5)} + x^{(6)}$	1680
11	$x^6 - 9x^5 + 34x^4 - 65x^3 + 61x^2 - 22x$	$4x^{(3)} + 9x^{(4)} + 6x^{(5)} + x^{(6)}$	2040
12	$x^6 - 8x^5 + 25x^4 - 38x^3 + 28x^2 - 8x$	$2x^{(3)} + 10x^{(4)} + 7x^{(5)} + x^{(6)}$	2160
13	$x^6 - 8x^5 + 24x^4 - 34x^3 + 23x^2 - 6x$	$9x^{(4)} + 7x^{(5)} + x^{(6)}$	0
14	$x^6 - 2x^5 + x^4$	$8x^{(2)} + 46x^{(3)} + 46x^{(4)} + 13x^{(5)} + x^{(6)}$	32400
15	$x^6 - 9x^5 + 31x^4 - 51x^3 + 40x^2 - 12x$	$6x^{(4)} + 6x^{(5)} + x^{(6)}$	0
16	$x^6 - 9x^5 + 33x^4 - 61x^3 + 56x^2 - 20x$	$2x^{(3)} + 8x^{(4)} + 6x^{(5)} + x^{(6)}$	1800
17	$x^6 - 8x^5 + 25x^4 - 38x^3 + 28x^2 - 8x$	$2x^{(3)} + 10x^{(4)} + 7x^{(5)} + x^{(6)}$	288
18	$x^6 - 5x^5 + 10x^4 - 10x^3 + 5x^2 - x$	$x^{(2)} + 15x^{(3)} + 25x^{(4)} + 10x^{(5)} + x^{(6)}$	18750
19	$x^6 - 9x^5 + 31x^4 - 51x^3 + 40x^2 - 12x$	$6x^{(4)} + 6x^{(5)} + x^{(6)}$	144
20	$x^6 - 9x^5 + 34x^4 - 65x^3 + 61x^2 - 22x$	$4x^{(3)} + 9x^{(4)} + 6x^{(5)} + x^{(6)}$	2040
21	$x^6 - 6x^5 + 14x^4 - 16x^3 + 9x^2 - 2x$	$8x^{(3)} + 19x^{(4)} + 9x^{(5)} + x^{(6)}$	48
22	$x^6 - 6x^5 + 14x^4 - 16x^3 + 9x^2 - 2x$	$8x^{(3)} + 19x^{(4)} + 9x^{(5)} + x^{(6)}$	648
23	$x^6 - 9x^5 + 32x^4 - 56x^3 + 48x^2 - 16x$	$x^{(3)} + 7x^{(4)} + 6x^{(5)} + x^{(6)}$	192
24	$x^6 - 5x^5 + 9x^4 - 7x^3 + 2x^2$	$12x^{(3)} + 24x^{(4)} + 10x^{(5)} + x^{(6)}$	4800
25	$x^6 - 8x^5 + 26x^4 - 43x^3 + 36x^2 - 12x$	$3x^{(3)} + 11x^{(4)} + 7x^{(5)} + x^{(6)}$	336
26	$x^6 - 9x^5 + 34x^4 - 66x^3 + 64x^2 - 24x$	$3x^{(3)} + 9x^{(4)} + 6x^{(5)} + x^{(6)}$	288
27	$x^6 - 6x^5 + 14x^4 - 16x^3 + 9x^2 - 2x$	$8x^{(3)} + 19x^{(4)} + 9x^{(5)} + x^{(6)}$	3840
28	$x^6 - 9x^5 + 32x^4 - 57x^3 + 51x^2 - 18x$	$7x^{(4)} + 6x^{(5)} + x^{(6)}$	1560
29	$x^6 - 3x^5 + 3x^4 - x^3$	$4x^{(2)} + 32x^{(3)} + 38x^{(4)} + 12x^{(5)} + x^{(6)}$	27000
30	$x^6 - 9x^5 + 31x^4 - 51x^3 + 40x^2 - 12x$	$6x^{(4)} + 6x^{(5)} + x^{(6)}$	0
31	$x^6 - 2x^5 + x^4$	$8x^{(2)} + 46x^{(3)} + 46x^{(4)} + 13x^{(5)} + x^{(6)}$	32400
32	$x^6 - 8x^5 + 25x^4 - 38x^3 + 28x^2 - 8x$	$2x^{(3)} + 10x^{(4)} + 7x^{(5)} + x^{(6)}$	2160