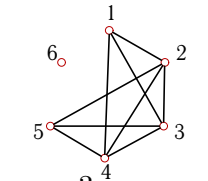
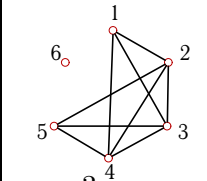
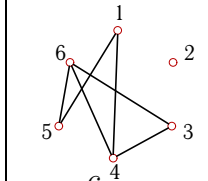
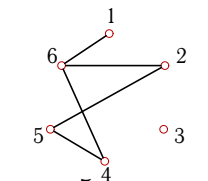
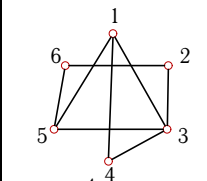
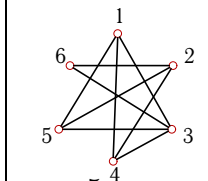
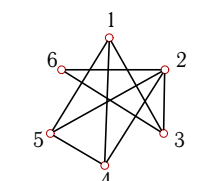
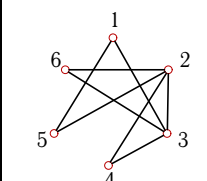
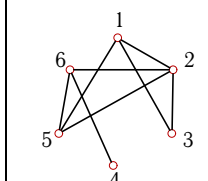
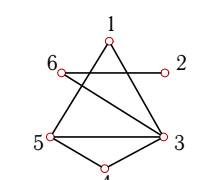
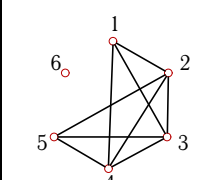
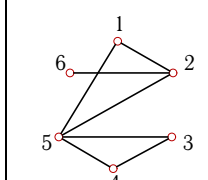
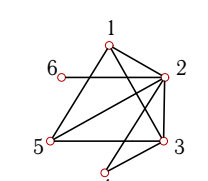
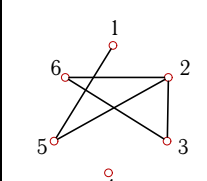
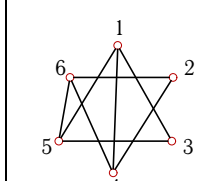
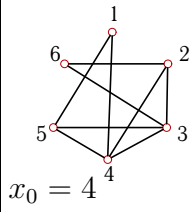


Хроматический полином (6)

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

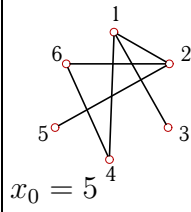
<p>Задача 19.1</p>  <p>$x_0 = 3^4$</p> <p><small>19.1</small></p>	<p>Задача 19.2</p>  <p>$x_0 = 3^4$</p> <p><small>19.1</small></p>	<p>Задача 19.3</p>  <p>$x_0 = 6^4$</p> <p><small>19.1</small></p>
<p>Задача 19.4</p>  <p>$x_0 = 5^4$</p> <p><small>19.1</small></p>	<p>Задача 19.5</p>  <p>$x_0 = 4^4$</p>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

Задача 19.16



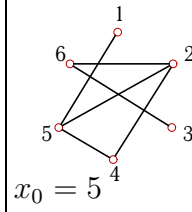
19.1

Задача 19.17



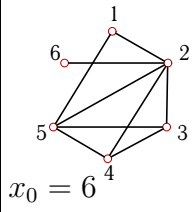
19.1

Задача 19.18



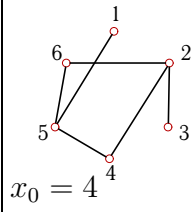
19.1

Задача 19.19



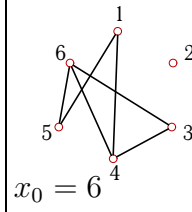
19.1

Задача 19.20



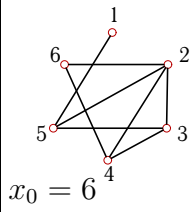
19.1

Задача 19.21



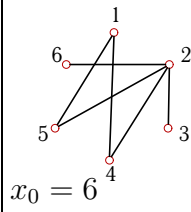
19.1

Задача 19.22



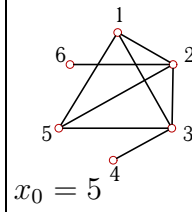
19.1

Задача 19.23



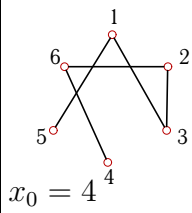
19.1

Задача 19.24



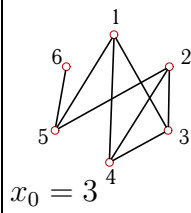
19.1

Задача 19.25



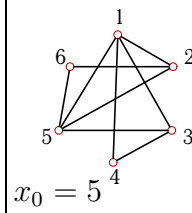
19.1

Задача 19.26



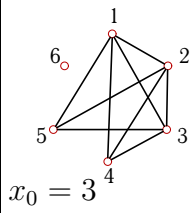
19.1

Задача 19.27



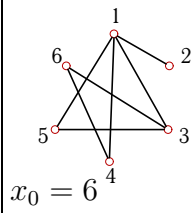
19.1

Задача 19.28



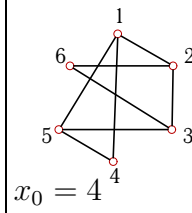
19.1

Задача 19.29



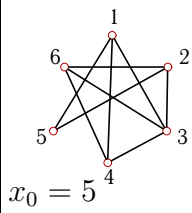
19.1

Задача 19.30



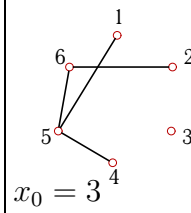
19.1

Задача 19.31



19.1

Задача 19.32



19.1

Хроматический полином (6)

№	$C(x)$	Редукция	$C(x_0)$
1	$x^6 - 9x^5 + 29x^4 - 39x^3 + 18x^2$	$4x^{(4)} + 6x^{(5)} + x^{(6)}$	0
2	$x^6 - 9x^5 + 29x^4 - 39x^3 + 18x^2$	$4x^{(4)} + 6x^{(5)} + x^{(6)}$	0
3	$x^6 - 6x^5 + 14x^4 - 15x^3 + 6x^2$	$9x^{(3)} + 19x^{(4)} + 9x^{(5)} + x^{(6)}$	15120
4	$x^6 - 5x^5 + 10x^4 - 9x^3 + 3x^2$	$2x^{(2)} + 16x^{(3)} + 25x^{(4)} + 10x^{(5)} + x^{(6)}$	5200
5	$x^6 - 8x^5 + 26x^4 - 43x^3 + 36x^2 - 12x$	$3x^{(3)} + 11x^{(4)} + 7x^{(5)} + x^{(6)}$	336
6	$x^6 - 9x^5 + 34x^4 - 66x^3 + 64x^2 - 24x$	$3x^{(3)} + 9x^{(4)} + 6x^{(5)} + x^{(6)}$	1980
7	$x^6 - 9x^5 + 33x^4 - 61x^3 + 56x^2 - 20x$	$2x^{(3)} + 8x^{(4)} + 6x^{(5)} + x^{(6)}$	8160
8	$x^6 - 8x^5 + 26x^4 - 43x^3 + 36x^2 - 12x$	$3x^{(3)} + 11x^{(4)} + 7x^{(5)} + x^{(6)}$	10080
9	$x^6 - 8x^5 + 25x^4 - 38x^3 + 28x^2 - 8x$	$2x^{(3)} + 10x^{(4)} + 7x^{(5)} + x^{(6)}$	2160
10	$x^6 - 7x^5 + 19x^4 - 25x^3 + 16x^2 - 4x$	$4x^{(3)} + 14x^{(4)} + 8x^{(5)} + x^{(6)}$	24
11	$x^6 - 9x^5 + 29x^4 - 39x^3 + 18x^2$	$4x^{(4)} + 6x^{(5)} + x^{(6)}$	0
12	$x^6 - 7x^5 + 19x^4 - 25x^3 + 16x^2 - 4x$	$4x^{(3)} + 14x^{(4)} + 8x^{(5)} + x^{(6)}$	2880
13	$x^6 - 9x^5 + 31x^4 - 51x^3 + 40x^2 - 12x$	$6x^{(4)} + 6x^{(5)} + x^{(6)}$	7200
14	$x^6 - 5x^5 + 9x^4 - 7x^3 + 2x^2$	$12x^{(3)} + 24x^{(4)} + 10x^{(5)} + x^{(6)}$	4800
15	$x^6 - 8x^5 + 26x^4 - 43x^3 + 36x^2 - 12x$	$3x^{(3)} + 11x^{(4)} + 7x^{(5)} + x^{(6)}$	336
16	$x^6 - 9x^5 + 32x^4 - 56x^3 + 48x^2 - 16x$	$x^{(3)} + 7x^{(4)} + 6x^{(5)} + x^{(6)}$	192
17	$x^6 - 6x^5 + 15x^4 - 19x^3 + 12x^2 - 3x$	$x^{(2)} + 11x^{(3)} + 20x^{(4)} + 9x^{(5)} + x^{(6)}$	4160
18	$x^6 - 6x^5 + 14x^4 - 16x^3 + 9x^2 - 2x$	$8x^{(3)} + 19x^{(4)} + 9x^{(5)} + x^{(6)}$	3840
19	$x^6 - 9x^5 + 31x^4 - 51x^3 + 40x^2 - 12x$	$6x^{(4)} + 6x^{(5)} + x^{(6)}$	7200
20	$x^6 - 6x^5 + 15x^4 - 19x^3 + 12x^2 - 3x$	$x^{(2)} + 11x^{(3)} + 20x^{(4)} + 9x^{(5)} + x^{(6)}$	756
21	$x^6 - 6x^5 + 14x^4 - 15x^3 + 6x^2$	$9x^{(3)} + 19x^{(4)} + 9x^{(5)} + x^{(6)}$	15120
22	$x^6 - 8x^5 + 25x^4 - 38x^3 + 28x^2 - 8x$	$2x^{(3)} + 10x^{(4)} + 7x^{(5)} + x^{(6)}$	9600
23	$x^6 - 6x^5 + 15x^4 - 19x^3 + 12x^2 - 3x$	$x^{(2)} + 11x^{(3)} + 20x^{(4)} + 9x^{(5)} + x^{(6)}$	15750
24	$x^6 - 8x^5 + 24x^4 - 34x^3 + 23x^2 - 6x$	$9x^{(4)} + 7x^{(5)} + x^{(6)}$	1920
25	$x^6 - 5x^5 + 10x^4 - 10x^3 + 5x^2 - x$	$x^{(2)} + 15x^{(3)} + 25x^{(4)} + 10x^{(5)} + x^{(6)}$	972
26	$x^6 - 8x^5 + 26x^4 - 42x^3 + 33x^2 - 10x$	$4x^{(3)} + 11x^{(4)} + 7x^{(5)} + x^{(6)}$	24
27	$x^6 - 9x^5 + 32x^4 - 56x^3 + 48x^2 - 16x$	$x^{(3)} + 7x^{(4)} + 6x^{(5)} + x^{(6)}$	1620
28	$x^6 - 9x^5 + 29x^4 - 39x^3 + 18x^2$	$4x^{(4)} + 6x^{(5)} + x^{(6)}$	0
29	$x^6 - 7x^5 + 20x^4 - 29x^3 + 21x^2 - 6x$	$6x^{(3)} + 15x^{(4)} + 8x^{(5)} + x^{(6)}$	12600
30	$x^6 - 8x^5 + 26x^4 - 43x^3 + 36x^2 - 12x$	$3x^{(3)} + 11x^{(4)} + 7x^{(5)} + x^{(6)}$	336
31	$x^6 - 9x^5 + 33x^4 - 62x^3 + 59x^2 - 22x$	$x^{(3)} + 8x^{(4)} + 6x^{(5)} + x^{(6)}$	1740
32	$x^6 - 4x^5 + 6x^4 - 4x^3 + x^2$	$2x^{(2)} + 22x^{(3)} + 31x^{(4)} + 11x^{(5)} + x^{(6)}$	144