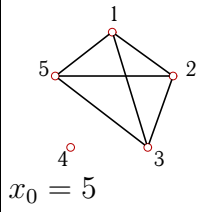


Хроматический полином (5)

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

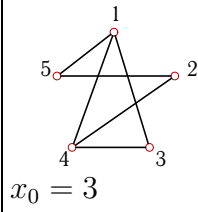
<p>Задача 20.1</p> <p>$x_0 = 4$</p> <p><small>20.1</small></p>	<p>Задача 20.2</p> <p>$x_0 = 3$</p> <p><small>20.1</small></p>	<p>Задача 20.3</p> <p>$x_0 = 6$</p> <p><small>20.1</small></p>
<p>Задача 20.4</p> <p>$x_0 = 6$</p> <p><small>20.1</small></p>	<p>Задача 20.5</p> <p>$x_0 = 4$</p> <p><small>20.1</small></p>	<p>Задача 20.6</p> <p>$x_0 = 4$</p> <p><small>20.1</small></p>
<p>Задача 20.7</p> <p>$x_0 = 6$</p> <p><small>20.1</small></p>	<p>Задача 20.8</p> <p>$x_0 = 5$</p> <p><small>20.1</small></p>	<p>Задача 20.9</p> <p>$x_0 = 5$</p> <p><small>20.1</small></p>
<p>Задача 20.10</p> <p>$x_0 = 6$</p> <p><small>20.1</small></p>	<p>Задача 20.11</p> <p>$x_0 = 5$</p> <p><small>20.1</small></p>	<p>Задача 20.12</p> <p>$x_0 = 3$</p> <p><small>20.1</small></p>
<p>Задача 20.13</p> <p>$x_0 = 6$</p> <p><small>20.1</small></p>	<p>Задача 20.14</p> <p>$x_0 = 6$</p> <p><small>20.1</small></p>	<p>Задача 20.15</p> <p>$x_0 = 5$</p> <p><small>20.1</small></p>

Задача 20.16



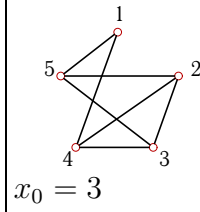
20.1

Задача 20.17



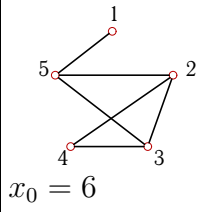
20.1

Задача 20.18



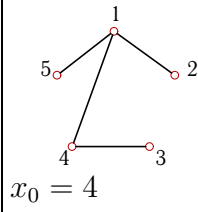
20.1

Задача 20.19



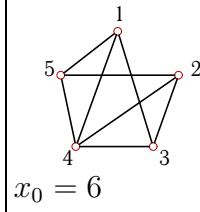
20.1

Задача 20.20



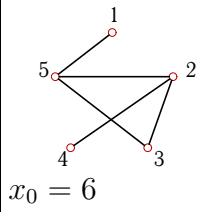
20.1

Задача 20.21



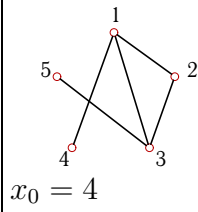
20.1

Задача 20.22



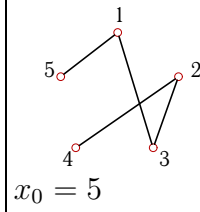
20.1

Задача 20.23



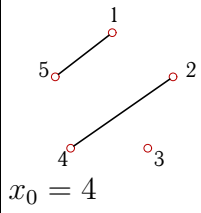
20.1

Задача 20.24



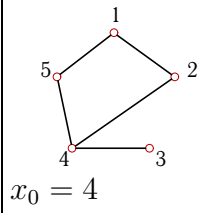
20.1

Задача 20.25



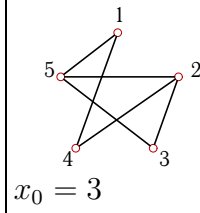
20.1

Задача 20.26



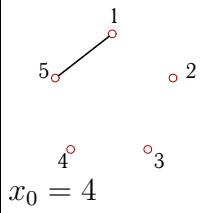
20.1

Задача 20.27



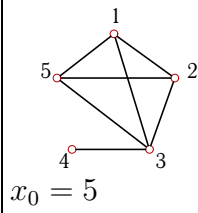
20.1

Задача 20.28



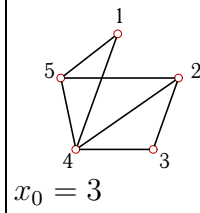
20.1

Задача 20.29



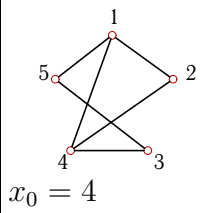
20.1

Задача 20.30



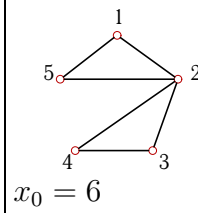
20.1

Задача 20.31



20.1

Задача 20.32



20.1

Хроматический полином (5)

№	$C(x)$	Редукция	$C(x_0)$
1	$x^5 - 3x^4 + 3x^3 - x^2$	$2x^{(2)} + 10x^{(3)} + 7x^{(4)} + x^{(5)}$	432
2	$x^5 - 8x^4 + 23x^3 - 28x^2 + 12x$	$2x^{(4)} + x^{(5)}$	0
3	$x^5 - 5x^4 + 9x^3 - 7x^2 + 2x$	$4x^{(3)} + 5x^{(4)} + x^{(5)}$	3000
4	$x^5 - 8x^4 + 24x^3 - 31x^2 + 14x$	$x^{(3)} + 2x^{(4)} + x^{(5)}$	1560
5	$x^5 - 5x^4 + 8x^3 - 4x^2$	$3x^{(3)} + 5x^{(4)} + x^{(5)}$	192
6	$x^5 - 3x^4 + 3x^3 - x^2$	$2x^{(2)} + 10x^{(3)} + 7x^{(4)} + x^{(5)}$	432
7	$x^5 - 7x^4 + 18x^3 - 20x^2 + 8x$	$x^{(3)} + 3x^{(4)} + x^{(5)}$	1920
8	$x^5 - 5x^4 + 9x^3 - 7x^2 + 2x$	$4x^{(3)} + 5x^{(4)} + x^{(5)}$	960
9	$x^5 - 5x^4 + 10x^3 - 9x^2 + 3x$	$x^{(2)} + 5x^{(3)} + 5x^{(4)} + x^{(5)}$	1040
10	$x^5 - 4x^4 + 5x^3 - 2x^2$	$6x^{(3)} + 6x^{(4)} + x^{(5)}$	3600
11	$x^5 - 7x^4 + 18x^3 - 20x^2 + 8x$	$x^{(3)} + 3x^{(4)} + x^{(5)}$	540
12	$x^5 - 5x^4 + 10x^3 - 10x^2 + 4x$	$5x^{(3)} + 5x^{(4)} + x^{(5)}$	30
13	$x^5 - 6x^4 + 14x^3 - 15x^2 + 6x$	$3x^{(3)} + 4x^{(4)} + x^{(5)}$	2520
14	$x^5 - 6x^4 + 14x^3 - 15x^2 + 6x$	$3x^{(3)} + 4x^{(4)} + x^{(5)}$	2520
15	$x^5 - 4x^4 + 6x^3 - 4x^2 + x$	$x^{(2)} + 7x^{(3)} + 6x^{(4)} + x^{(5)}$	1280
16	$x^5 - 6x^4 + 11x^3 - 6x^2$	$4x^{(4)} + x^{(5)}$	600
17	$x^5 - 6x^4 + 14x^3 - 15x^2 + 6x$	$3x^{(3)} + 4x^{(4)} + x^{(5)}$	18
18	$x^5 - 7x^4 + 19x^3 - 23x^2 + 10x$	$2x^{(3)} + 3x^{(4)} + x^{(5)}$	12
19	$x^5 - 6x^4 + 13x^3 - 12x^2 + 4x$	$2x^{(3)} + 4x^{(4)} + x^{(5)}$	2400
20	$x^5 - 4x^4 + 6x^3 - 4x^2 + x$	$x^{(2)} + 7x^{(3)} + 6x^{(4)} + x^{(5)}$	324
21	$x^5 - 8x^4 + 24x^3 - 31x^2 + 14x$	$x^{(3)} + 2x^{(4)} + x^{(5)}$	1560
22	$x^5 - 5x^4 + 9x^3 - 7x^2 + 2x$	$4x^{(3)} + 5x^{(4)} + x^{(5)}$	3000
23	$x^5 - 5x^4 + 9x^3 - 7x^2 + 2x$	$4x^{(3)} + 5x^{(4)} + x^{(5)}$	216
24	$x^5 - 4x^4 + 6x^3 - 4x^2 + x$	$x^{(2)} + 7x^{(3)} + 6x^{(4)} + x^{(5)}$	1280
25	$x^5 - 2x^4 + x^3$	$4x^{(2)} + 14x^{(3)} + 8x^{(4)} + x^{(5)}$	576
26	$x^5 - 5x^4 + 10x^3 - 9x^2 + 3x$	$x^{(2)} + 5x^{(3)} + 5x^{(4)} + x^{(5)}$	252
27	$x^5 - 6x^4 + 14x^3 - 15x^2 + 6x$	$3x^{(3)} + 4x^{(4)} + x^{(5)}$	18
28	$x^5 - x^4$	$8x^{(2)} + 19x^{(3)} + 9x^{(4)} + x^{(5)}$	768
29	$x^5 - 7x^4 + 17x^3 - 17x^2 + 6x$	$3x^{(4)} + x^{(5)}$	480
30	$x^5 - 7x^4 + 18x^3 - 20x^2 + 8x$	$x^{(3)} + 3x^{(4)} + x^{(5)}$	6
31	$x^5 - 6x^4 + 14x^3 - 15x^2 + 6x$	$3x^{(3)} + 4x^{(4)} + x^{(5)}$	168
32	$x^5 - 6x^4 + 13x^3 - 12x^2 + 4x$	$2x^{(3)} + 4x^{(4)} + x^{(5)}$	2400