|  |
| --- |
| **Общий вид системы линейных уравнений Ax = B** |
|  |  |  |  |  |  |  |  |  |
| **A =** | 2 | 1 | -2 |  | **B =** | 2 |  |  |
| 0 | 1 | -1 |  | 1 |  |  |
| -1 | 1 | 2 |  | 3 |  |  |
|  |  |  |  |  |  |  |  |  |
| |A|= | 5 |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| Dx1 = | 2 | 1 | -2 |  |  |  |  |  |
| 1 | 1 | -1 | = | 5 |  | x1 =  | 1 |
| 3 | 1 | 2 |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| Dx2 = | 2 | 2 | -2 |  |  |  |  |  |
| 0 | 1 | -1 | = | 10 |  | x2 =  | 2 |
| -1 | 3 | 2 |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| Dx3 = | 2 | 1 | 2 |  |  |  |  |  |
| 0 | 1 | 1 | = | 5 |  | x3 =  | 1 |
| -1 | 1 | 3 |  |  |  |  |  |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **A =** | 2 | 1 | 1 |  | **B =** | -4 |  |  |
| 2 | 2 | -1 |  | 3 |  |  |
| 4 | 4 | 1 |  | -3 |  |  |
|  |  |  |  |  |  |  |  |  |
| |A|= | 6 |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| Dx1 = | -4 | 1 | 1 |  |  |  |  |  |
| 3 | 2 | -1 | = | -6 |  | x1 =  | -1 |
| -3 | 4 | 1 |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| Dx2 = | 2 | -4 | 1 |  |  |  |  |  |
| 2 | 3 | -1 | = | 6 |  | x2 =  | 1 |
| 4 | -3 | 1 |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| Dx3 = | 2 | 1 | -4 |  |  |  |  |  |
| 2 | 2 | 3 | = | -18 |  | x3 =  | -3 |
| 4 | 4 | -3 |  |  |  |  |  |