1. Matriz de adjacência:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | Caxias | Lageado | Garibaldi | Bento | Farroupilha | Vacaria | Nova Prata |
| Caxias | oo | 62 | 43 | oo | 19 | 112 | oo |
| Lageado | 62 | oo | oo | oo | oo | oo | oo |
| Garibaldi | 43 | oo | oo | oo | oo | oo | oo |
| Bento | oo | oo | oo | oo | 26 | oo | oo |
| Farroupilha | 19 | oo | oo | 26 | oo | oo | 87 |
| Vacaria | 112 | oo | oo | oo | oo | oo | oo |
| Nova Prata | oo | oo | oo | oo | 87 | oo | oo |

1. Grafo: