|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| -0.051 | 0 | 0 | 0 | 0 | -322 | -322 | 0 | 0 | 0 | 0 | 0 |
| 0 | -0.154 | 0 | 0 | 322 | 0 | 0 | 322 | 0 | 0 | 0 | 0 |
| -0.144 | 0.143 | 0 | 0 | 0 | 0 | 0 | 166 | 0 | 0 | 0 | 0 |
| -0.056 | -0.057 | 0 | 0 | 0 | 0 | 82.6 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | -1 | 0 | 0 | -21.74 | -4.109 | 0 | 0 | 0 | 14 |
| 0 | 0 | -1 | 0 | 0 | 0 | 8 | -21.74 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | -9.75 | -131 | -0.614 | 0.93 | 0 | 0 |
| 0 | 0 | 0.03 | -3.53 | 0 | 0 | 0 | 0 | 0 | 0.086 | -4.23 | -33.1 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21.16 | -8.26 | 0 |
| 0 | 0 | 0 | -1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -2.924 |
| 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Matrice A:

Matrice B:

|  |  |  |  |
| --- | --- | --- | --- |
| 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 |
| 0.68 | -2.174 | 0 | 0 |
| 3.043 | 0.3 | 0 | 0 |
| 0 | 0 | 0 | -45.8 |
| 0 | 0 | 33.1 | -3.33 |
| 0 | 0 | 0 | 0 |
| 0 | -0.757 | 0 | 0 |
| 0.798 | 0 | 0 | 0 |

Matrice C:

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |

Matrice A:

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| -0.051 | 0 | 0 | 0 | 0 | -322 | -322 | 0 | 0 | 0 | 0 | 0 | -0.051 |
| 0 | -0.154 | 0 | 0 | 322 | 0 | 0 | 322 | 0 | 0 | 0 | 0 | 0 |
| -0.144 | 0.143 | 0 | 0 | 0 | 0 | 0 | 166 | 0 | 0 | 0 | 0 | -0.144 |
| -0.056 | -0.057 | 0 | 0 | 0 | 0 | 82.6 | 0 | 0 | 0 | 0 | 0 | -0.056 |
| 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | -1 | 0 | 0 | -21.74 | -4.109 | 0 | 0 | 0 | 14 | 0 |
| 0 | 0 | -1 | 0 | 0 | 0 | 8 | -21.74 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | -9.75 | -131 | -0.614 | 0.93 | 0 | 0 | 0 |
| 0 | 0 | 0.03 | -3.53 | 0 | 0 | 0 | 0 | 0 | 0.086 | -4.23 | -33.1 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21.16 | -8.26 | 0 | 0 |
| 0 | 0 | 0 | -1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -2.924 | 0 |
| 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |