* 8個產品各自的生產可行路徑(注意到程式中索引從0開始)：

|  |  |  |  |
| --- | --- | --- | --- |
| Product | Processing route | | |
| 1 | 2 | 3 |
| 1 | 1, 2, 3, 4, 5, 6 | 1, 2, 3, 4, 5, 8, 9, 10 | – |
| 2 | 1, 2, 3, 5, 7, 8, 10, 11 | 3, 4, 5, 6, 7, 8, 9, 10 | – |
| 3 | 1, 4, 10, 11 | 1, 4, 10, 12, 13, 14 | 1, 4, 9, 12, 13, 14 |
| 4 | 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14 | – | – |
| 5 | 4, 5, 6, 7, 8, 14, 15 | 4, 5, 6, 7, 12, 13, 14, 15 | 4, 5, 7, 9, 10, 11, 12, 13, 14, 15 |
| 6 | 2, 3, 4, 5, 6 | 2, 3, 4, 5, 7, 8 | 2, 3, 4, 5, 7, 10 |
| 7 | 4, 5, 7, 8, 10, 11, 12 | 4, 5, 8, 9, 10, 12, 14 | 4, 5, 8, 10, 11, 12, 13, 15 |
| 8 | 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 12 | 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 13, 14 | – |

* 15個位置的距離矩陣：

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | 1 | 11 | 4 | 9 | 2 | 8 | 5 | 12 | 7 | 8 | 3 | 10 | 4 | 8 |
| 1 | 0 | 6 | 1 | 9 | 10 | 3 | 11 | 6 | 8 | 3 | 4 | 12 | 5 | 9 |
| 11 | 6 | 0 | 2 | 7 | 12 | 5 | 9 | 4 | 3 | 7 | 6 | 11 | 7 | 1 |
| 4 | 1 | 2 | 0 | 11 | 3 | 12 | 6 | 9 | 2 | 8 | 6 | 3 | 13 | 4 |
| 9 | 9 | 7 | 11 | 0 | 2 | 7 | 3 | 4 | 10 | 4 | 9 | 8 | 1 | 7 |
| 2 | 10 | 12 | 3 | 2 | 0 | 10 | 12 | 55 | 3 | 7 | 3 | 9 | 10 | 6 |
| 8 | 3 | 5 | 12 | 7 | 10 | 0 | 1 | 9 | 13 | 5 | 7 | 3 | 9 | 12 |
| 5 | 11 | 9 | 6 | 3 | 12 | 1 | 0 | 5 | 8 | 1 | 10 | 4 | 12 | 6 |
| 12 | 6 | 4 | 9 | 4 | 55 | 9 | 5 | 0 | 9 | 3 | 8 | 7 | 12 | 5 |
| 7 | 8 | 3 | 2 | 10 | 3 | 13 | 8 | 9 | 0 | 4 | 9 | 12 | 3 | 7 |
| 8 | 3 | 7 | 8 | 4 | 7 | 5 | 1 | 3 | 4 | 0 | 7 | 11 | 2 | 9 |
| 3 | 4 | 6 | 6 | 9 | 3 | 7 | 10 | 8 | 9 | 7 | 0 | 4 | 8 | 3 |
| 10 | 12 | 11 | 3 | 8 | 9 | 3 | 4 | 7 | 12 | 11 | 4 | 0 | 1 | 9 |
| 4 | 5 | 7 | 13 | 1 | 10 | 9 | 12 | 12 | 3 | 2 | 8 | 1 | 0 | 12 |
| 8 | 9 | 1 | 4 | 7 | 6 | 12 | 6 | 5 | 7 | 9 | 3 | 9 | 12 | 0 |