|  |  |
| --- | --- |
| **RESULTS** | **EXPECTED** |
| OBJECTIVE EQUATION USED |  |
| **CASE1: 1000, [500,500]: 726.0006789** | 726.0068 |
| **CASE2: 1000, [1000,1000]:** **834.3011** | 834.3011 |
| **CASE3: 2000, [500,500]: 1173.1077** | 1173.108 |
| **CASE4: 2000,[1000,1000]:** 1452**.8189** | 1452.819 |

**PRODUCTION PLANNING:**

**WHAT I DID?:**

Problem was to make more profit from given set of capacities and production costs. So I tried to imitate those set of equations in MATLAB and tried to solve this optimization problem.

**NSF**

|  |  |
| --- | --- |
| **RESULTS** | **EXPECTED** |
| **Min ∑i∈I ∑ j∈Ji wi,jy(i, j) + R·∑i∈I ∑ j∈Ji ∑ jj∈Ji0 j\*jj sl(i, j, jj)** |  |
| 341 | 329 |