**Scheduling Algorithm**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Fixed Priority | Job type | Period == deadline | solution | comments |
| Single processor | No | periodic |  |  |  |
| no | **EDF** is optimal, if only if utilization over all intervals are less than 1 |  |
|  |  |  |  |
| Yes |  |  |  |  |
|  |  |  |  |
| Multiple processor |  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

**Compute Utilization bound**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Fixed Priority | Job type | Period == deadline | Schedule ALG | solution | comments |
| Single processor | No | periodic | yes | RMP | LL-bound | H-bound is less pessimistic, note need to reduce to harmonic set |
| H-bound |
| Demand Analysis | Better than LL and H-bound  More complicated |
| No |  |  |  |
| Yes |  |  |  |  |  |
|  |  |  |  |  |