**RESULTS:**

Parameters:

Length of fin = 1  
Number of cells= 30

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | | BOUNDARY TYPE | | BOUNDARY VALUE | |
| EAST | | Direchlet | | 100 | |
| WEST | | Direchlet | | 100 | |
| Ambient Temperature= 20 | | | | | |
|  | 1 | | 1 | | 1 |
|  | -1 | | 0 | | 1 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | | BOUNDARY TYPE | | BOUNDARY VALUE | |
| WEST | | Direchlet | | 100 | |
| EAST | | Neumann | | 0 (homogeneous) | |
| Ambient Temperature= 20 | | | | | |
|  | 1 | | 1 | | 1 |
|  | -1 | | 0 | | 1 |
|  | | BOUNDARY TYPE | | BOUNDARY VALUE | |
| WEST | | Direchlet | | 100 | |
| EAST | | Neumann | | 2 | |
| Ambient Temperature= 20 | | | | | |
|  | 1 | | 1 | | 1 |
|  | -1  check | | 0 | | 1  check |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | | BOUNDARY TYPE | | BOUNDARY VALUE | |
| EAST | | Direchlet | | 100 | |
| WEST | | Robbin’s | | 5 | |
| Ambient Temperature= 20 | | | | | |
|  | 1 | | 1 | | 1 |
|  | -1 | | 0 | | 1 |