**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 | |
|  | 0  TRANSIENT      EQUILIBRIUM | | 1  TRANSIENT      EQUILIBRIUM | |

|  |  |  |
| --- | --- | --- |
|  | 1 | 1 |
|  | -1 | -2(hypothetical) |

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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | | BOUNDARY TYPE | | BOUNDARY VALUE |
| EAST | | Direchlet | | 100 |
| WEST | | Neumann’s | | 2 |
| Ambient Temperature= 20 | | | | |
|  | 1 | | 1 | |
|  | 1 | | -1 | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | | BOUNDARY TYPE | | BOUNDARY VALUE |
| EAST | | Direchlet | | 100 |
| WEST | | Robins | | 5 |
| Ambient Temperature= 20 | | | | |
|  | 1 | | 1 | |
|  | 1 | | -1 | |