|  |  |  |  |
| --- | --- | --- | --- |
| **state** | **Red LED** | **Yellow LED** | **Green LED** |
| Random wander |  |  | ON |
| Wall lost |  |  |  |
| Too far | ON |  |  |
| Too close |  | ON |  |
| Right WF | ON | ON |  |
| Left WF |  | ON | ON |
| Front wall | ON |  | ON |
| Follow center | ON | ON | ON |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Team** | **Robot** | **Follow Wall**  **Left/Right**  **(2 pts)** | **Inner Corner**  **Collide**  **(2 pts)** | **Outer Corner**  **Doorway**  **(2 pts)** | **Follow Center**  **Hallway**  **(2 pts)** | **Random Wander**  **State Machine**  **(2 pts)** |
|  | Aibo |  |  |  |  |  |
|  | Albus |  |  |  |  |  |
|  | Arbib |  |  |  |  |  |
|  | Arkin |  |  |  |  |  |
|  | Asimo |  |  |  |  |  |
|  | Asimov |  |  |  |  |  |
|  | Big Dog |  |  |  |  |  |
|  | Braitenberg |  |  |  |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| **state** | **Red LED** | **Yellow LED** | **Green LED** |
| Random wander |  |  | ON |
| Wall lost |  |  |  |
| Too far | ON |  |  |
| Too close |  | ON |  |
| Right WF | ON | ON |  |
| Left WF |  | ON | ON |
| Front wall | ON |  | ON |
| Follow center | ON | ON | ON |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Team** | **Robot** | **Follow Wall**  **Left/Right**  **(2 pts)** | **Inner Corner**  **Collide**  **(2 pts)** | **Outer Corner**  **Doorway**  **(2 pts)** | **Follow Center**  **Hallway**  **(2 pts)** | **Random Wander**  **State Machine**  **(2 pts)** |
|  | Breazeal |  |  |  |  |  |
|  | Brooks |  |  |  |  |  |
|  | Capek |  |  |  |  |  |
|  | Cog |  |  |  |  |  |
|  | Elektro |  |  |  |  |  |
|  | Elmer |  |  |  |  |  |
|  | Elsie |  |  |  |  |  |
|  | Furby |  |  |  |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| **state** | **Red LED** | **Yellow LED** | **Green LED** |
| Random wander |  |  | ON |
| Wall lost |  |  |  |
| Too far | ON |  |  |
| Too close |  | ON |  |
| Right WF | ON | ON |  |
| Left WF |  | ON | ON |
| Front wall | ON |  | ON |
| Follow center | ON | ON | ON |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Team** | **Robot** | **Follow Wall**  **Left/Right**  **(2 pts)** | **Inner Corner**  **Collide**  **(2 pts)** | **Outer Corner**  **Doorway**  **(2 pts)** | **Follow Center**  **Hallway**  **(2 pts)** | **Random Wander**  **State Machine**  **(2 pts)** |
|  | Goertz |  |  |  |  |  |
|  | Kamen |  |  |  |  |  |
|  | Kismet |  |  |  |  |  |
|  | Kitt |  |  |  |  |  |
|  | Kuri |  |  |  |  |  |
|  | Leonardo |  |  |  |  |  |
|  | Mataric |  |  |  |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| **state** | **Red LED** | **Yellow LED** | **Green LED** |
| Random wander |  |  | ON |
| Wall lost |  |  |  |
| Too far | ON |  |  |
| Too close |  | ON |  |
| Right WF | ON | ON |  |
| Left WF |  | ON | ON |
| Front wall | ON |  | ON |
| Follow center | ON | ON | ON |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Team** | **Robot** | **Follow Wall**  **Left/Right**  **(2 pts)** | **Inner Corner**  **Collide**  **(2 pts)** | **Outer Corner**  **Doorway**  **(2 pts)** | **Follow Center**  **Hallway**  **(2 pts)** | **Random Wander**  **State Machine**  **(2 pts)** |
|  | Minsky |  |  |  |  |  |
|  | Moravec |  |  |  |  |  |
|  | Murphy |  |  |  |  |  |
|  | Shakey |  |  |  |  |  |
|  | Unimate |  |  |  |  |  |
|  | Walter |  |  |  |  |  |
|  | Wiener |  |  |  |  |  |