I. SLAM Research

The resources [Durrant-Whyte and Bailey, 2006] and [Dissanayake et al., 2001] might be helpful.

II. Table

III. equations

This is an equation
$E = mc^2$

IV. algorithm

```
Data: Some input data
Result: Same for output data
/* this is a comment                    */
initialization;
if this is true then
    we do that, else nothing;
    if we agree that then
        we do that;
    else
        else we will do a more complicated
         if using else if;
        if this first condition is true then
            we do that;
        else if this second condition is true
         then
            this is done
        else if this other condition is true
         then
            this is done
        end
        else
            in other case, we do this
        end
    end
end
```

Algorithm 1: Algorithm to Demonstrate Different Ifs

V. graphics

References

M. G. Dissanayake, P. Newman, S. Clark, H. F. Durrant-Whyte, and M. Csorba. A solution to the simultaneous localization and map building (slam) problem. *IEEE Transactions on robotics and automation*, 17(3):229–241, 2001.

H. Durrant-Whyte and T. Bailey. Simultaneous localization and mapping: part i. *IEEE robotics & automation magazine*, 13(2):99–110, 2006.

Day	9-9:50	9-9:50	10:50-11:05
Mon			
Tue