

Contents

```
function [H] = compile_all(DOF, A)
Degrees_Of_Freedom = DOF

Degree_To_Analyse = A
```

Remember Everything Is In Radians

```
syms s
Transfer_Functions = collect(get_EOM(DOF),s)
H = get_TF(Transfer_Functions)
sys = H(A)
type = 'PID'
pidTuner(sys,type)
end
```

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