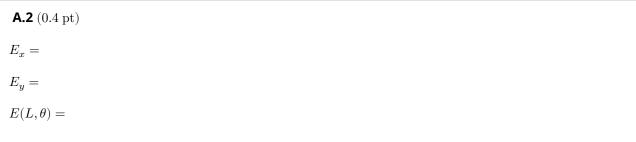
## Theory



# **Space Debris**

#### Part A. Rotation (3.8 points)





A.3  $(1.2 ext{ pt})$   $\psi =$ 

 $\begin{array}{l} \textbf{A.4} \ (2.0 \ \mathrm{pt}) \\ \\ \Omega(t) = \\ \\ \gamma_s(t) = \\ \\ \omega_s(t) = \end{array}$ 

### Part B. Transient process (1.2 points).

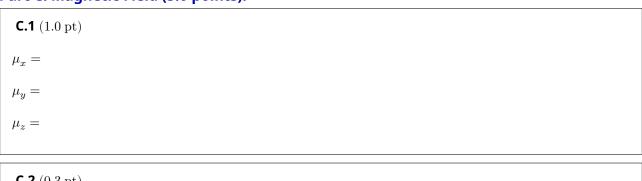




## Theory



### Part C. Magnetic Field (5.0 points).











```
C.6 (1.0 pt) T/T_s =
```