



**KESLA**  
**MOTORS**

Göksenin Hande BAYAZIT  
Asena Melisa SARICI  
Özgür YAZICI

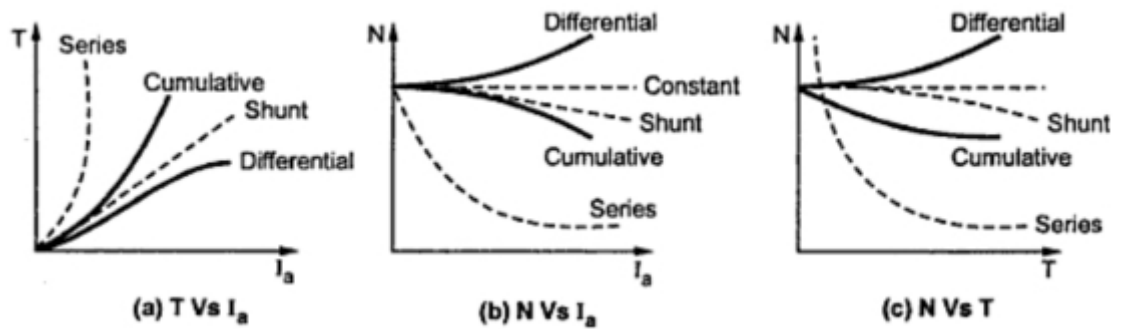


Figure 1: Characteristics of DC Motor Field Connections

## Topology Selection

In the first weekly meeting, we examined the motor specifications and reviewing the EE362 notes, we observed the characteristics for shunt, series and compound field connections. Looking at the characteristics provided in 1, we decided that using a shunt field winding would be better for a more robust voltage with respect to changing current and a more constant speed. An outstanding advantage of shunt motors is the ease of speed control. With a