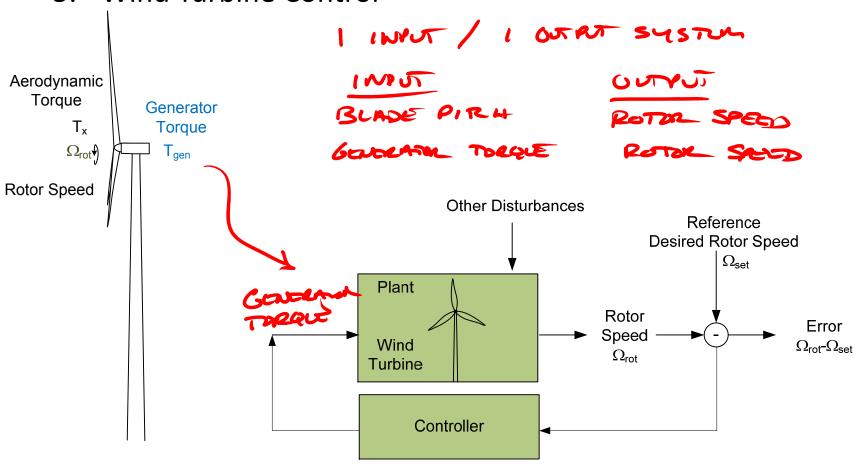


#### **B.** Control Basics

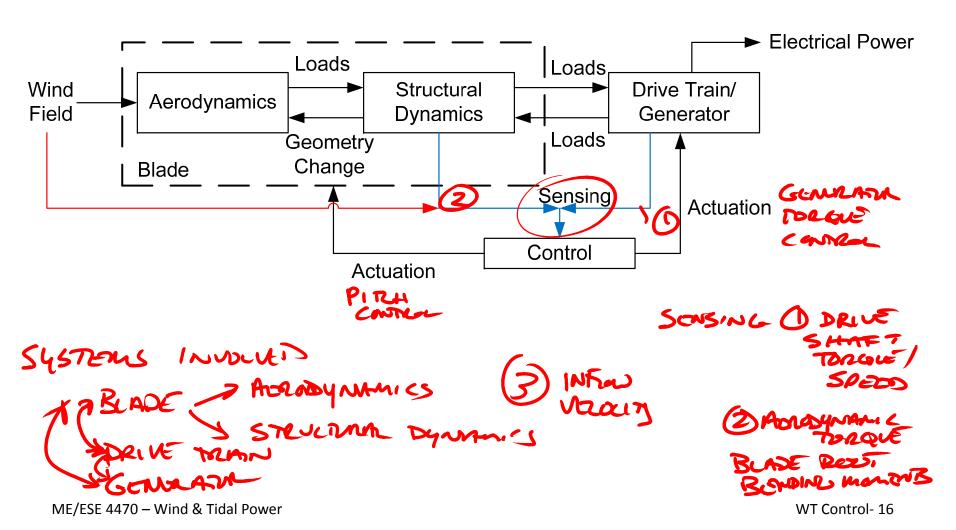
5. Wind Turbine Control



**B.** Control Basics

REAL MIND THESINE - MUCH MORE COMPLICATED

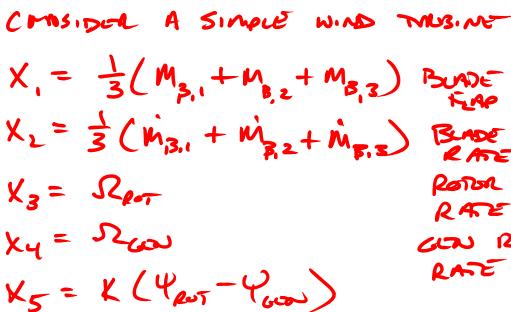
5. Wind Turbine Control

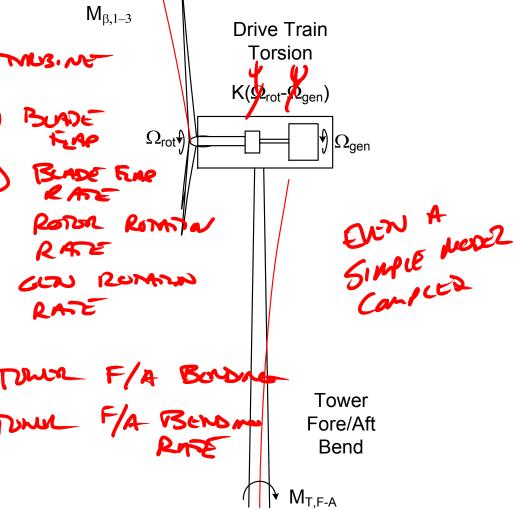


Blade Flap

#### **B.** Control Basics

5. Wind Turbine Control





SOME MPICK C. Typical Control Approaches I MPLE MONTATIONS Constant speed HISTORICALLY JMIST COMMOD DCS16~ FARM SIMPLE DESIGN RIGID BLACES & a) Stall regulated BLADE IS DESIGNED TO CONTROL TORQUE FIXED PITCH OPOLATE NETAL OPTIMAL / AT LOW WIND SOEEDS AS WIND SAUD INCREMES, & INCREMES BLADE ROOT STAKES STAL MOUS OFFINED WITH INCROPEND WIND SPECS LIFT & TORQUE LIMITED BIERMOUN DISCULAGE BRAZE SPINNY TO OPCLATION SPEED (WIND/GONZATOL) ENLAGE CONSUMIX WITH OCCUPANA SPEED ROTHER ME/ESE 4470 - Wind & Tidal Power