Power racteers tics voiginal chon of pump/IM) Sowed Pressure i system characteristics without throatile Powlo & Pressure × Flow Rate = Torane × Specd (mech) Jan = Ta-TL Tal, Wrotool Ta, Wrotors

= Pontput

Ta, Wrotors

= Pontput

Ta, Wsyn

= Painting Wsyn = Wsx n= Output Inbut / Loss Wyn: Synchronous speed = SP P: No of boles Supply frequency = atif

Pe6 Phase Machine Equivalent Circuit In duction the Rotor Power Pones Output = I_2 P_2 (1-5) per phase I_2 I_2 I+ (XIe+X2) Rie+R2/)2

