BJT (Rewision) controlling current on B one terminal by vorying voltage on two terminals Application: Amplifier - only in active mode Switch -> saturation and cutoff mode for NPN BJT -VE N P N Active mode: FB and RB Cutoff mode: and RB RB Satisation mode: FB ord FB Ic = Ise $\beta = I_c$, $\alpha = I_c$ I_B ISE = Is = Saturation current of the emmiter rugion

