Themal stability:



The minimum average power in which transistor

(an dissipate depends upon the fransistor construction.

The leakge (unnent is Extremely temperature dependent and increases with the mise in temperature of Collector - bosen junction. with the increase in collector current, collector power dissipation increases. which raise the junction temperature. That leads burther increase in current collector current. This process is may lead to destruction of propositor. This is colled thormal instability.

opposite to Thermal instability is colled thermal stability. It is achieved by the heat smk.