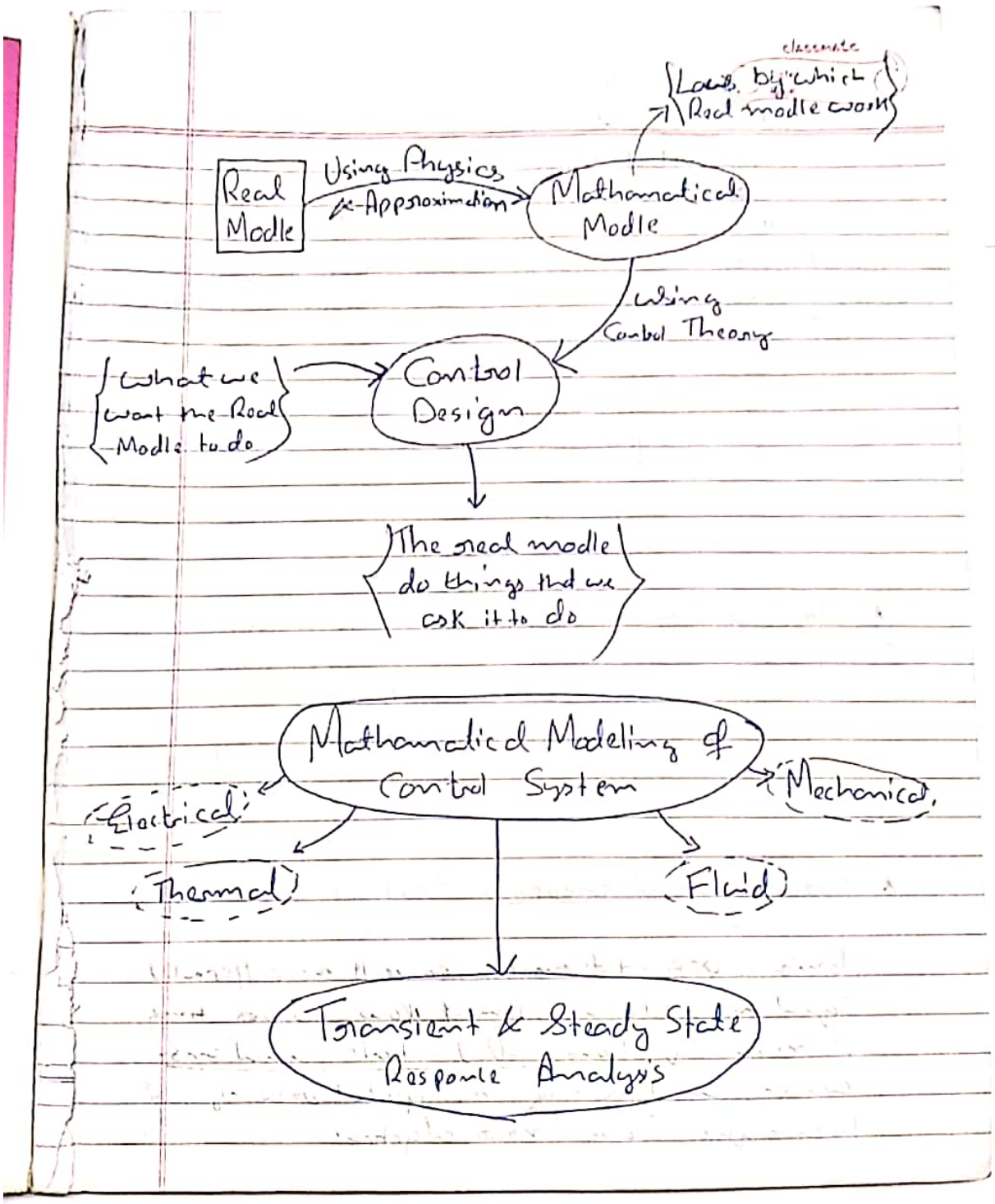

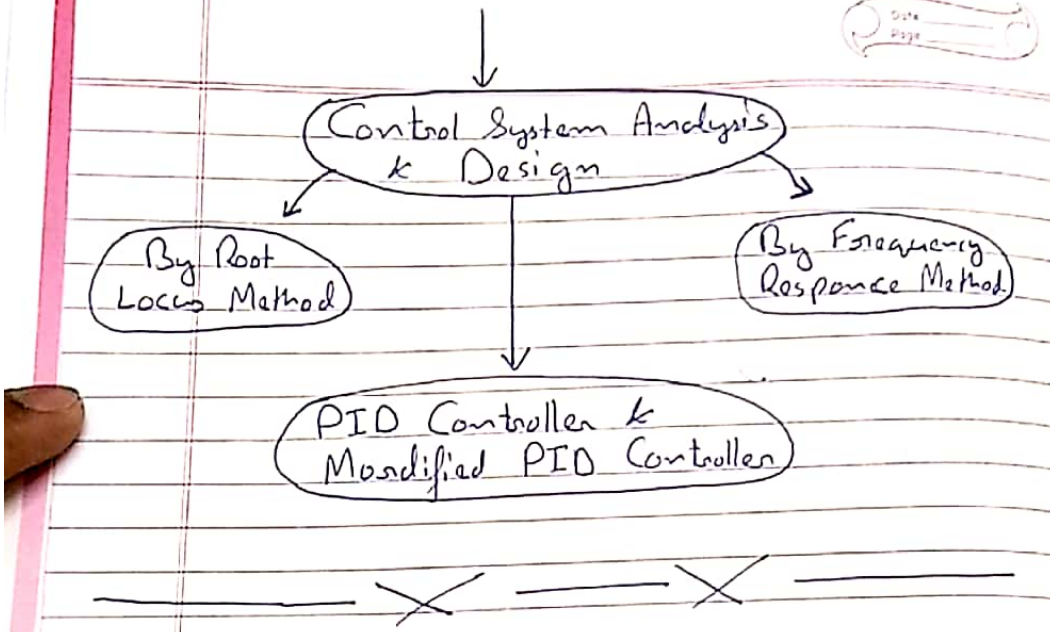

★ Classical Control Theory ⇒ It is a branch of control theory that deals with the behavior of dynamic systems with inputs and how their behavior is modified by feedback, using the laplace transform as a basic tool to model such systems

★ Modern Control theory ⇒ Instead of changing domains to avoide the complexities of time domain ODE mathematics, converts the differential equations into a system of lower order time domain equations called State equations which can then be manipulated using techniques from linear algebra.

* Robust Control Theory ⇒ In control theory, robust control is an approach to controller design that explicitly deals with uncertainty.