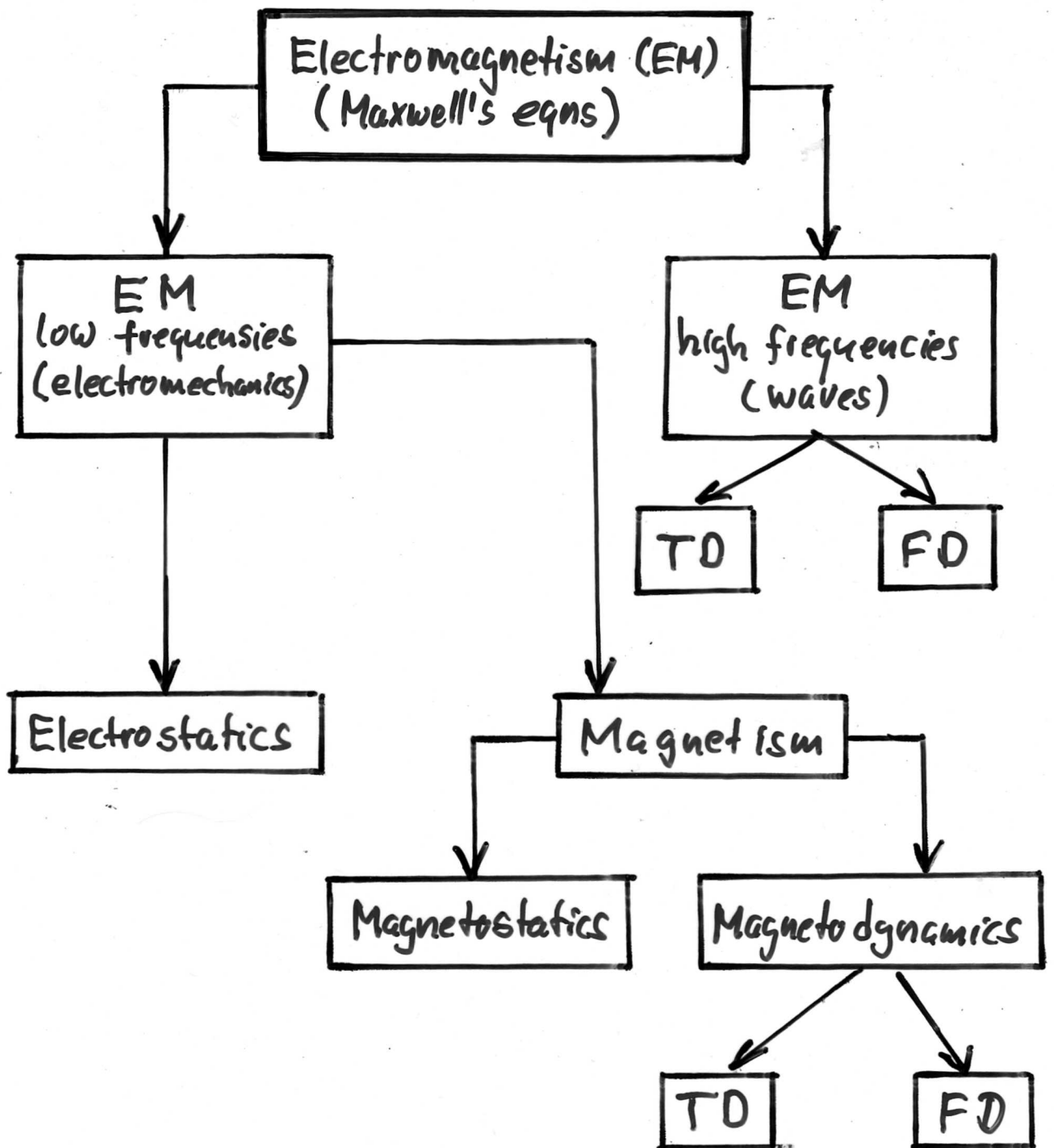


Classification of Maxwell's Equations



TD = Time Domain: $u = u(x, t)$
 Ass.: Linearity
 Data $\left\{ \begin{array}{l} u = u(x, t) = \hat{u}(x) e^{j\omega t} : Q_T \rightarrow Q_s \\ u = u(x, t) = \text{Re}(\hat{u}(x) e^{j\omega t}) \end{array} \right.$
FD = Frequency Domain: Solution