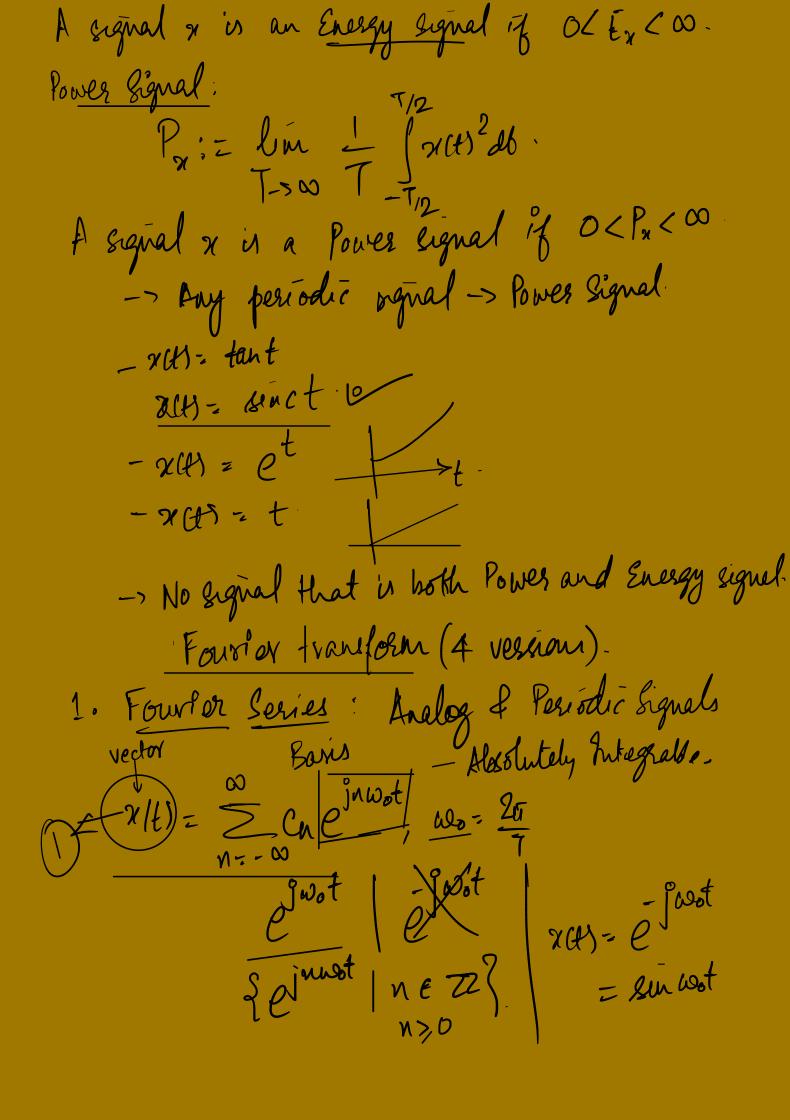


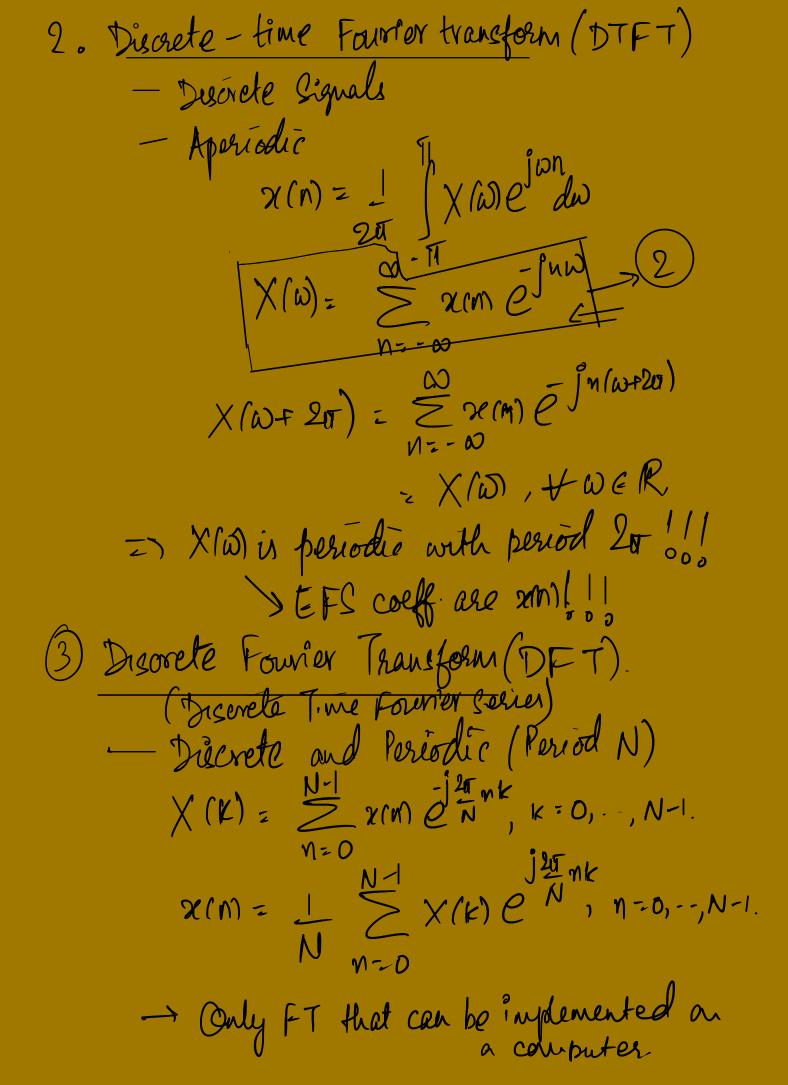
Review of signals and systems: Clasification of Signals: -> Defermentie ve Random Lignals -sin (21750t) - Noise - mesose signal - Stock prices (with time) -> Períodic u- Aperíodic FTER, T>0 such that 2 (t+T)= 2H, HteR. Smallest such T is called the Period of x'. Analog vs. Discrete Signals

Values
typically

The solution of the signals

The solution of the signal of the sign values by fypically over all or over all o -> Evergy ve Power signals Energy is finite Exi= \int xcts^2dt = \left|\chi|\chi|\left| - Norm of the vector expace of vector expace of Real-valued signal of Energy signals of x is complex valued = \int Ex = \int \left|\left|\chi \text{xts}\right|^2dt





Continuous-time Fourier transform - Continuous-time (Analog) - Aperiodic X(w) = Parts e Jost dt x (t)= 1/2 x/w ejwtdw - Labs will take place on Thursday 2:00-4:00pm A1, ..., A17 B1, .., B17 (1, -., (16)

(107-15) E

D1, -, D16

E1, -, E16