## SYSTEM IDENTIFICATION

EXAMPLE

input

System

OUTPUT

Jefferatial

Lequations

Linear

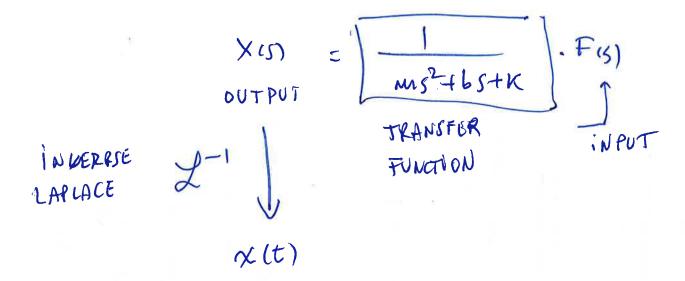
Laplace Model (TRANSFER

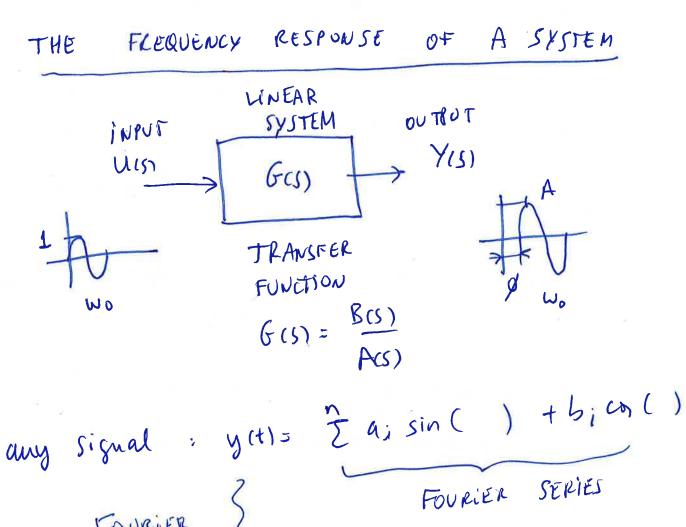
FUNCTION)

P(S) = 
$$\frac{y_{(S)}}{u_{(S)}}$$
 (OUTPUT) = The

Model (Will)

Milie:





SPECTRUM
of y (t)

TRANSFORM

pail My

