Mult3 Lesson 10
For a system of the form $P(0) \times = P(1),$

we have "transfer function" $W(S) = \frac{1}{p(s)},$

where (CS) is the characteristic polynomial.

the Mtransferfunction of a DE is also the Laplace time -form of the unit impulse regionses

w(5) = L(w(+))

Example Prodensi

1: Foll; $(5+2)(5+3) = 5^2 + 55 + 6$, thus $P(0) = 0^2 + 50 + 6$

2: All p(b) have transfer finaction of the form 1/80; by may of contradiction p(d) does not exist.