



INK TOOLS

Select Objects

PENS

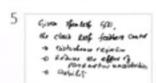


∠ Color • ■ Thickness *

Close

Convert Stop to Shapes Inking

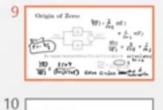




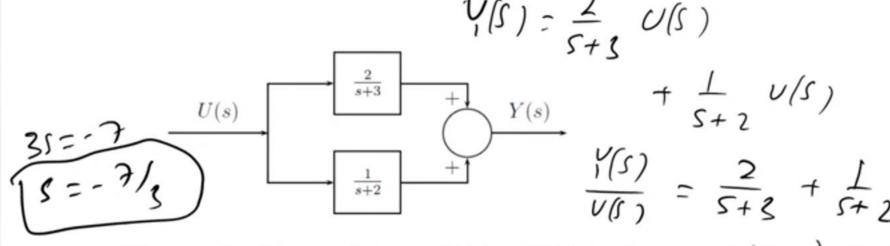








Origin of Zero:

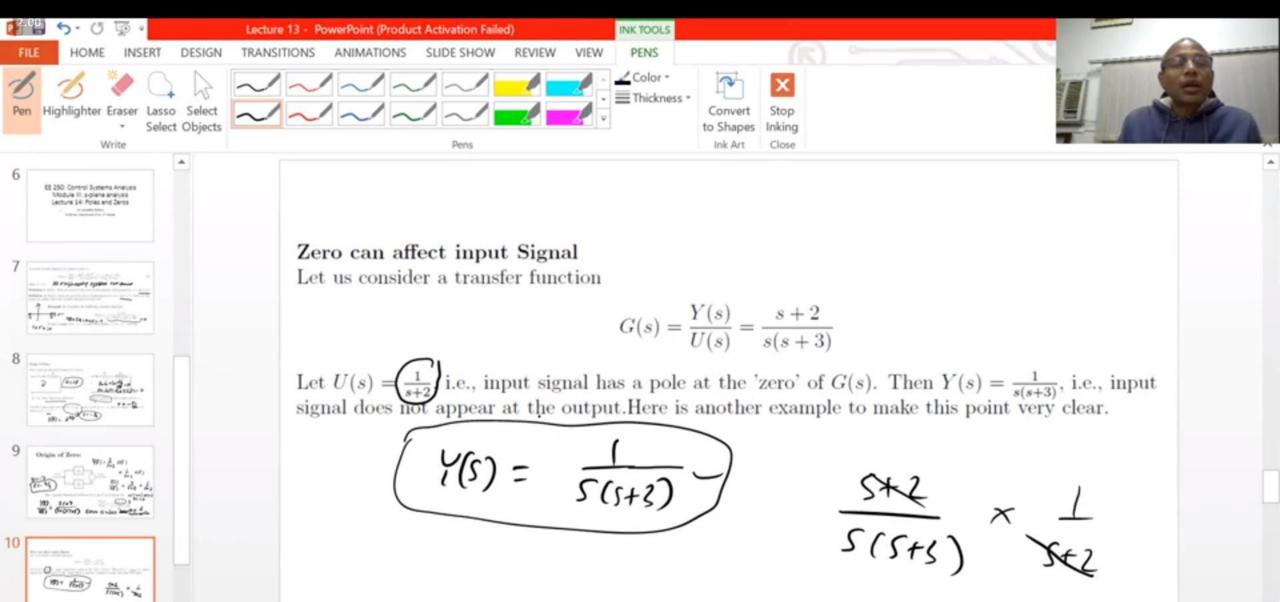


The transfer function between Y(s) an U(s) is given by 35+7







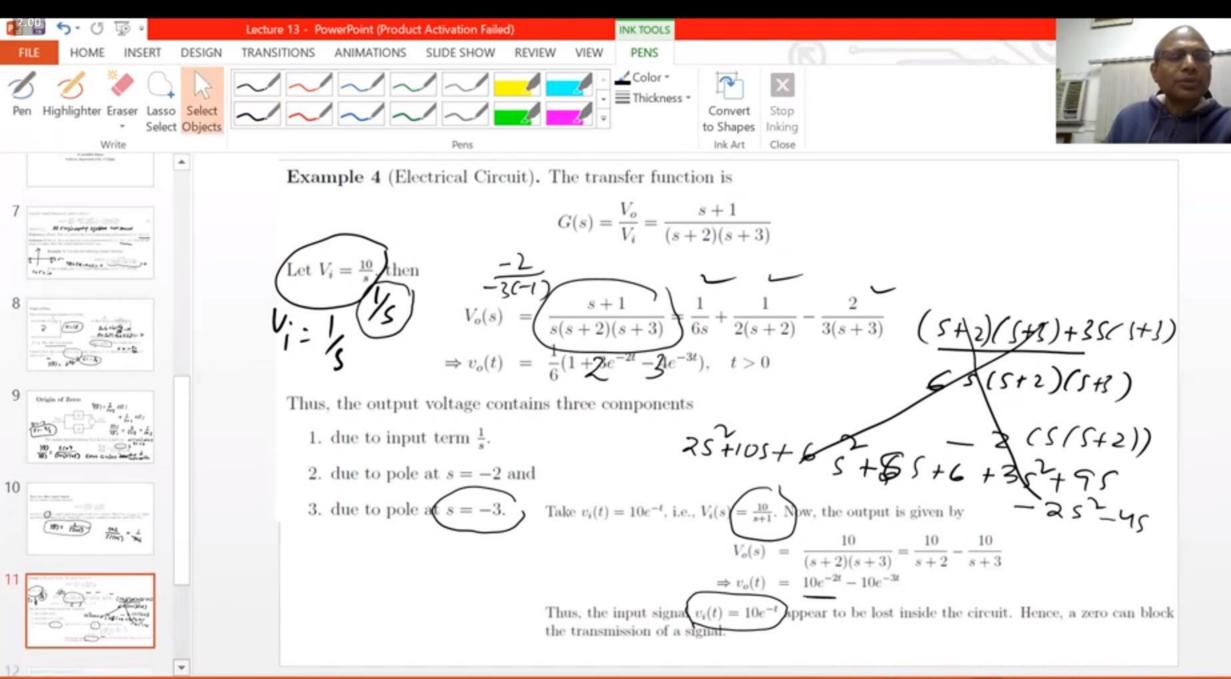














INK TOOLS

PENS





Convert to Shapes Close



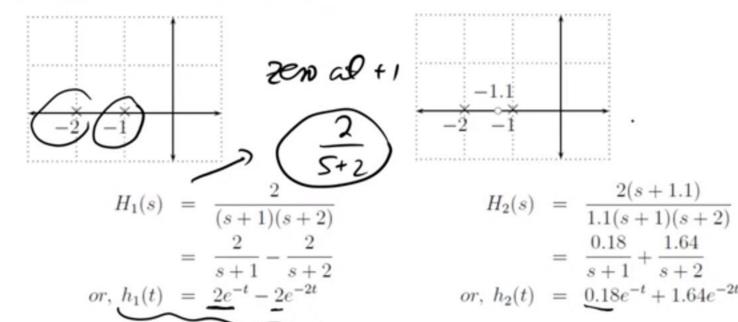








Zero can reduce the effect of a Pole



Conclusion:

- 1. Zero at s = -1.1 reduces the effect of the pole near to it (s = -1) drastically
- 2. We can use a zero to cancel a pole completely if the pole is in the left half of the s-plane.