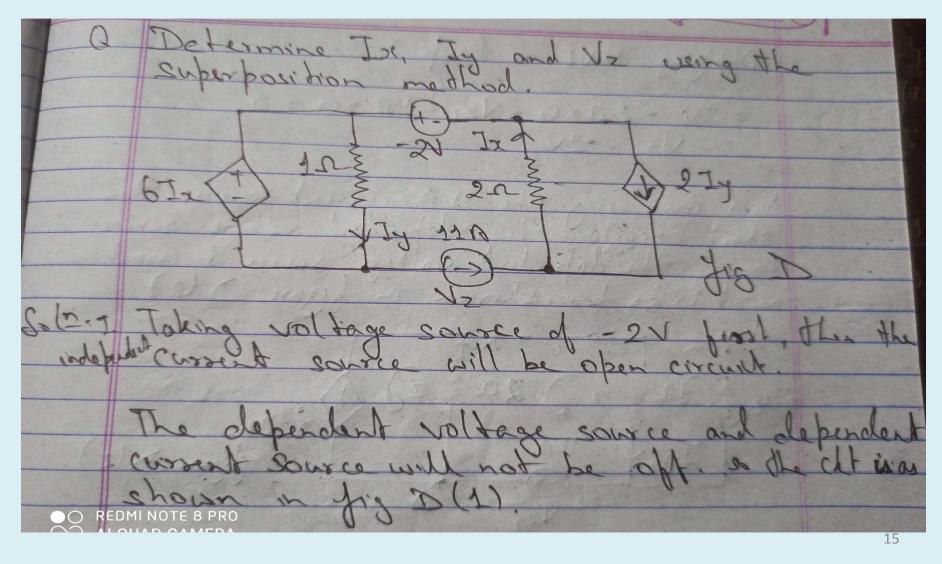
Paper 1, TDC Part-1 Chapter– 4, Circuit Theorems Lecture – 3 Superposition Theorem

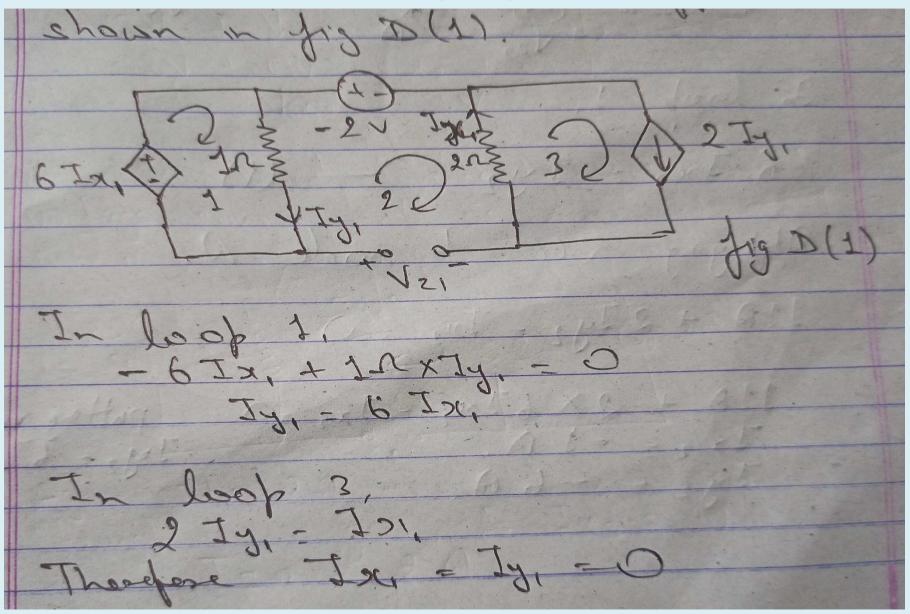
By:

Mayank Mausam Assistant Professor (Guest Faculty) Department of Electronics L.S. College, BRA Bihar University, Muzaffarpur, Bihar

- Today we will discuss problem on circuits with dependent source. It can be either dependent current or dependent voltage source.
- Now let us see fourth example with dependent source.
- In circuit with dependent source, we will never short circuit the dependent voltage source.
- Similarly we will never open circuit the dependent current source.

• Fourth example with dependent source.





KUL in loop 2 V - 21x0 - Vz, -11x0 -2 - Soho co 1 A CURREN Con side nhe voldage SONE palopendant. voldage source & chosent source in pranse acon 0 30 22 Tr.

29 A node 1112 + 9 -10--**REDMI NOTE 8 PRO** $\bigcirc \bigcirc$ AI QUAD CAMERA \sim

+ 1-2 11 - -2.

Circuit Theorem – Superposition Theorem For any query contact at "9771474020".

Thank You