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HW4 For Quiz 4 (on oct 24)

1) Prob 3.32

1) Prob 3.34

1) Prob 3.45

1) Prob 3.48

1) Prob 3.58

6) Prob 3.58

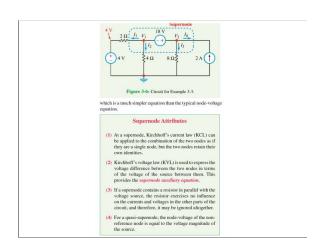
1) Prob 3.59

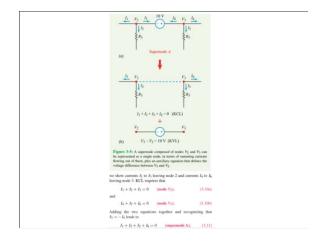
1) Prob 3.64

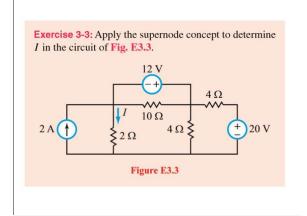
8) Prob 3.65

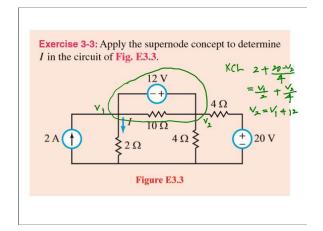
9) Prob 3.72

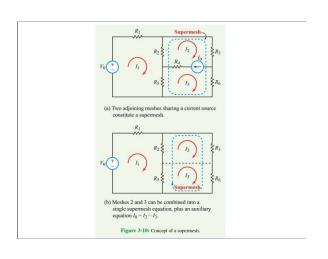
10) Prob 3.94
```











$$I_0 = I_2 - I_3$$
 (auxiliary eq.). (3.18)

The mesh-current equations for mesh 1 and the joint combination of meshes 2 and 3 are

$$(R_1 + R_2 + R_5)I_1 - R_2I_2 - R_5I_3 = V_0$$
(mesh 1), (3.19)

and

$$-(R_2 + R_5)I_1 + (R_2 + R_3)I_2 + (R_5 + R_6)I_3 = 0$$
(supermesh). (3.20)

