Incidence Matrices of Graphs

We now continue the last lecture, which was about incidence matrices, and graphs, and networks, and flows in the network.

The columns in an incidence matrix is dependent. So, $Av = 0$ has some solutions. And we will just jump ahead one electrical moment. That's not good if we want an invertible matrix.

Let's turn to the $A^T w = 0$. We have to know the meaning of A^T . Solution w come from loops. And the big loops are dependent with other small loops