Prim's Algorithm

Mit: Newest [1] = 0 herest [i] = 1 \ \titl.

film min cost in (i, nearest [i]), add that i to MST. This takes $\Theta(n)$

Then update newest takes A(n) as well.

So algorithm runs in O(n2)

Alternative: Priority queve.

"light-safe edge" idea.

This one takes O(E log2V)

Prove Prim's Algorithm Works

Induction