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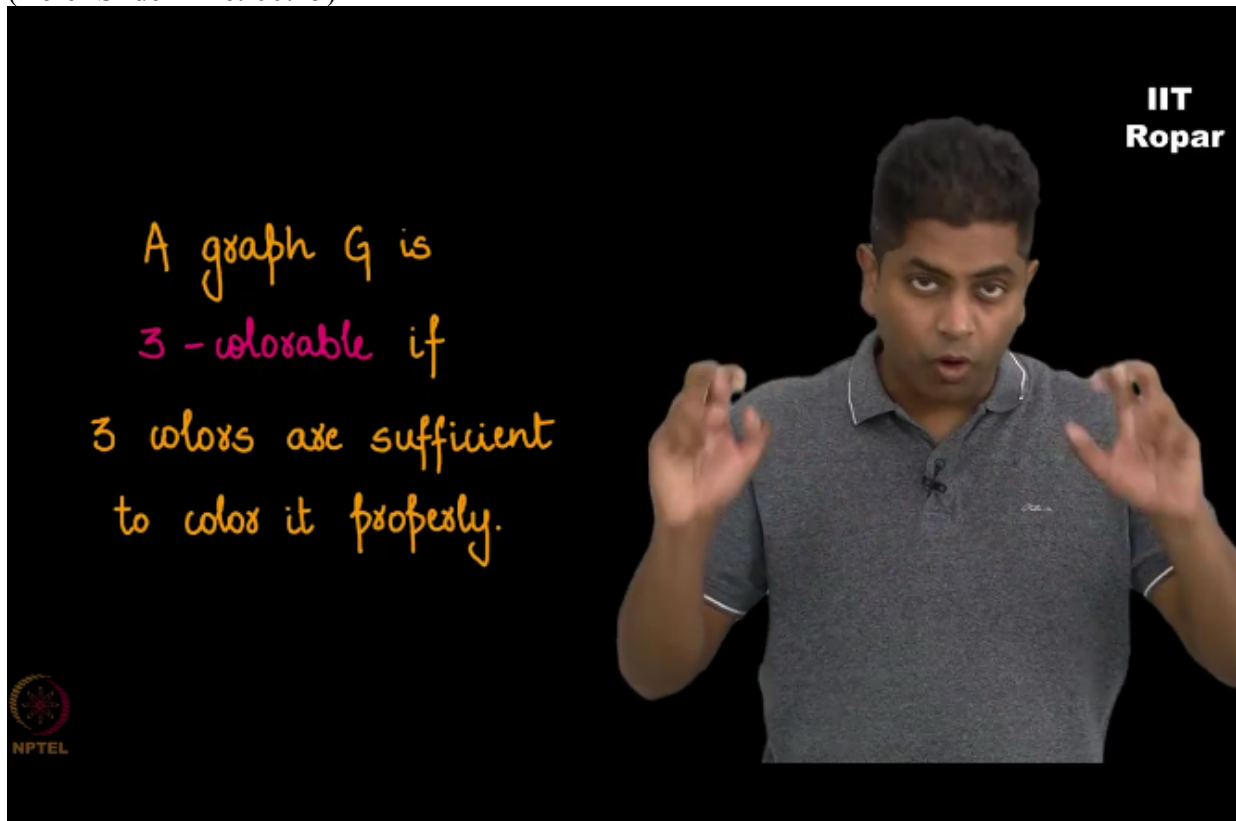
NPTEL ONLINE CERTIFICATION COURSE

**Discrete Mathematics
Graph Theory – 2**

Chromatic number of a graph

**By
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So formally stated a graph G is 3 colorable, if 3 colors are sufficient to color it properly, you know what is proper coloring
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correct, what is the minimum number of colors required to color a graph properly is called the coloring number of the graph or also called the chromatic number of the graph.
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IIT
Ropar

What is the minimum
number of colors required
to color a graph properly?

CHROMATIC NUMBER



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