NPTEL

NPTEL ONLINE CERTIFICATION COURSE

Discrete Mathematics Graph Theory - 2

Isomorphic graphs - A challenge

By Prof. S.R.S Iyengar Department of Computer Science IT Ropar

A challenge for you all, do you think these two graphs are isomorphic, (Refer Slide Time: 00:09)



you see when the degrees of these two graphs are same, (Refer Slide Time: 00:18)



it doesn't mean they're isomorphic and this one is the example for it, this two graphs appear very, very similar, but structurally they're indeed different, let us see how they are nonisomorphic.



IIT MADRAS PRODUCTION

Founded by Department of Higher Education Ministry of Human Resources Development Government of India

www.nptel.iitm.ac.in

Copyrights Reserved