Bepassable Grouphs

A geaph is said to be sepassable graph of this vc=1

In this graph a vertex whose gramoval disconnects

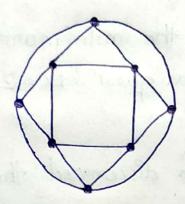
the graph is called cut rearker/out node /auticulation

App
Griven on stat's, that acce to be connected by means of e
lines (telephone lines, boildges)

eg: Grocaph with n=8 & e=16

Solut -> Constanct a graph with max. edge connectivity

& vecitix connectivity



Max. VC of greath Ge noth n ventures & e edges is integral part of 2e/n., i.e.,

VC & EC & 2e

thax $VC = \left\lfloor \frac{2e}{n} \right\rfloor$

Combinatorilal Graphs

· An abstract graph & can be defined as

niheore V= {objects}, E= {objects}, P -> Mapping btw V 4E Greenetoric Grouphs

· Pictosial suprosentato of graph

Planage Goraph

of Gruhich can be down on a plane such that no 24 its edges intersect.

19 it connot be drawn without conssover of edges, it is known as planase graph

