03/06/2020 modelling networks 10-708 18- caussian graphical models and Ising models ended problem a real-world - new algorithmic design (x) remark research has been active research and for a long time. (\*) MU/OL - aufautt mage/text data (\*) retwork research ducis with relationships. (x) ex: were owes negrow to one form? - Given, or re need to discove them? (x) Jesus network -> how is grouph constructed? - wollwreves in some use, chapter,? - A some of variation - what is considered a natural object that we a mon-mode externet. (\*) ex tying to initiate a rebete on i) the entological status of a graph ii) interrogating its truth/representation valle. (x) Ex: more of the common networks are physical, 'undisputable' facts. (x) Evoluing networks - mit ois and fores are intechangeable (e.g. polities) (\*) AL smethal receiving for completely observed GMS - EX: Previously assumed structure was given very complex topic freight with matternatical and algorithmic unclienges - Tail has gone colder due to low having fruit un other areas. (x) @: HIW: 60 through Chow- Lin algorithm; estimate graph structure - examine a number of 'optimal' algorithms ; focus on

· Parmise MKFs: Lovanaile selection, neighbourhood selection.