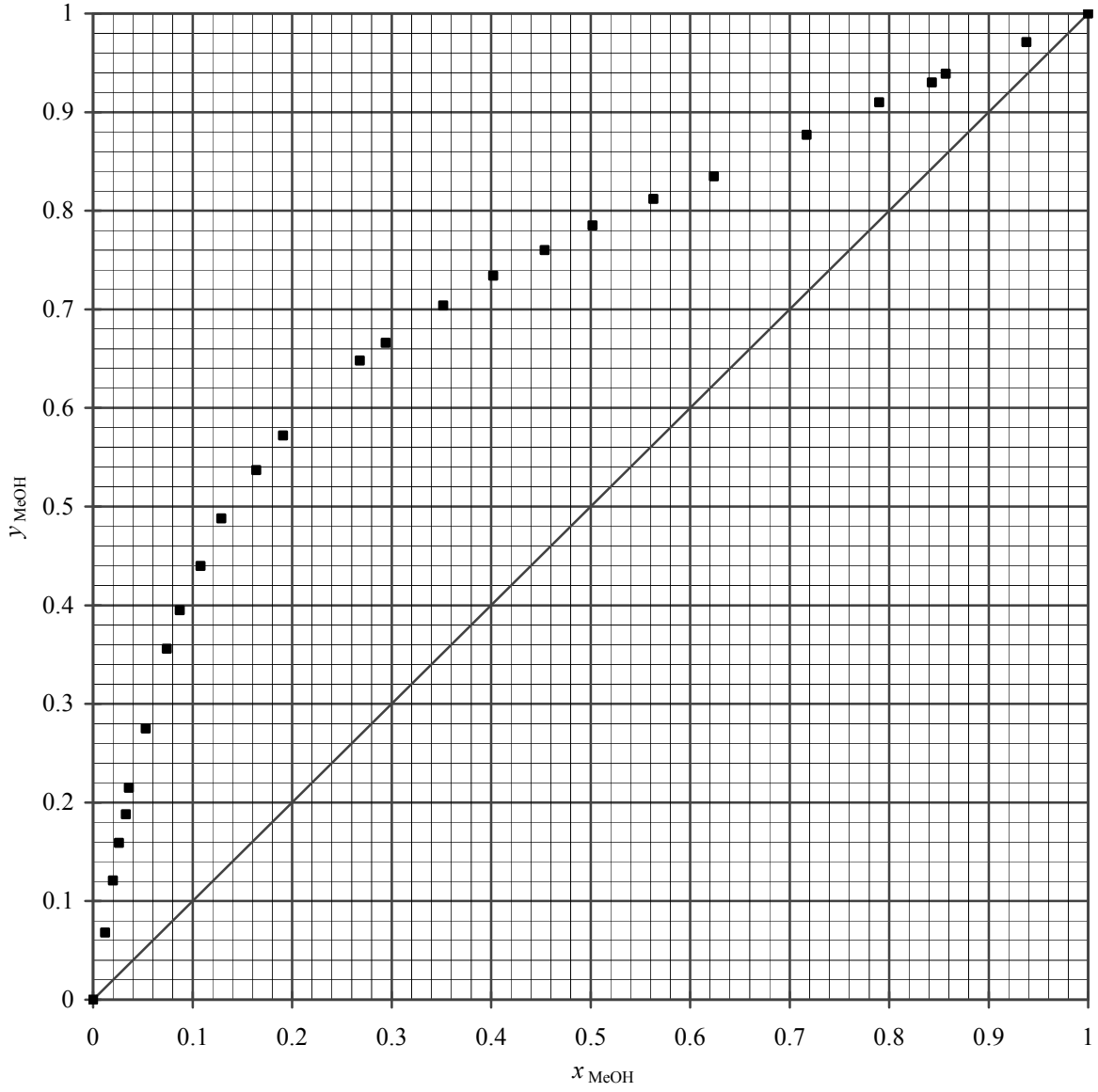
EngrD 2190 - Chemical Process Design & Analysis
Calculation Session 12

Methanol+H_2O mixtures at 1 atm

This map shows experimental data. To use the map you will need to draw a smooth curve through the points. If you have a steady hand, the curve can be sketched freehand. But the preferred method is to use a French curve, a useful skill to learn. Search the World Wide Web for "how to use French curves."

The quality of your analysis depends on the quality of your curve.



methanol+H_2O liquid+vapor systems at 1 atm
(data from exercise 4.19)

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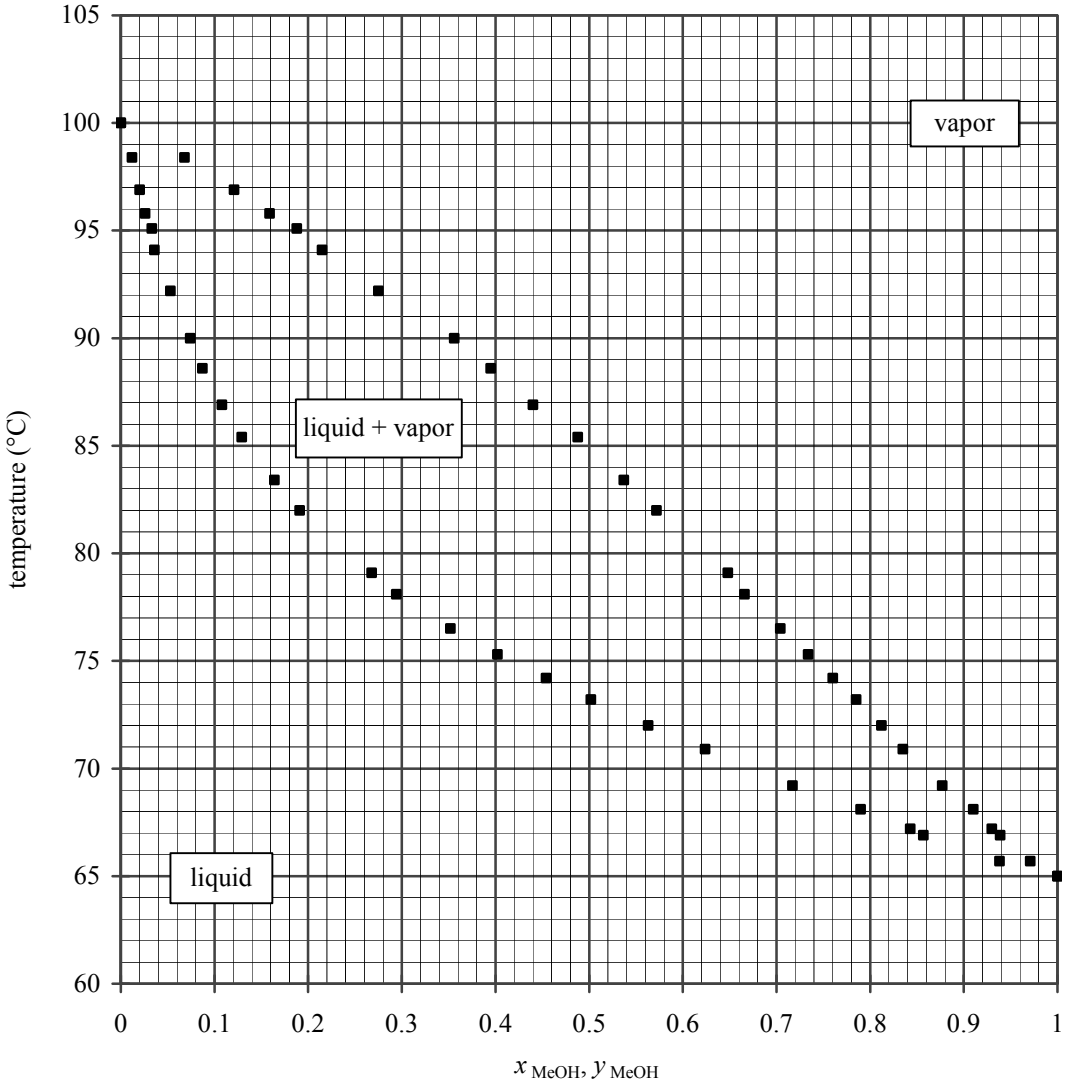

temperature-composition phase diagram for methanol+H_2O mixtures at 1 atm
(data from exercise 4.19)