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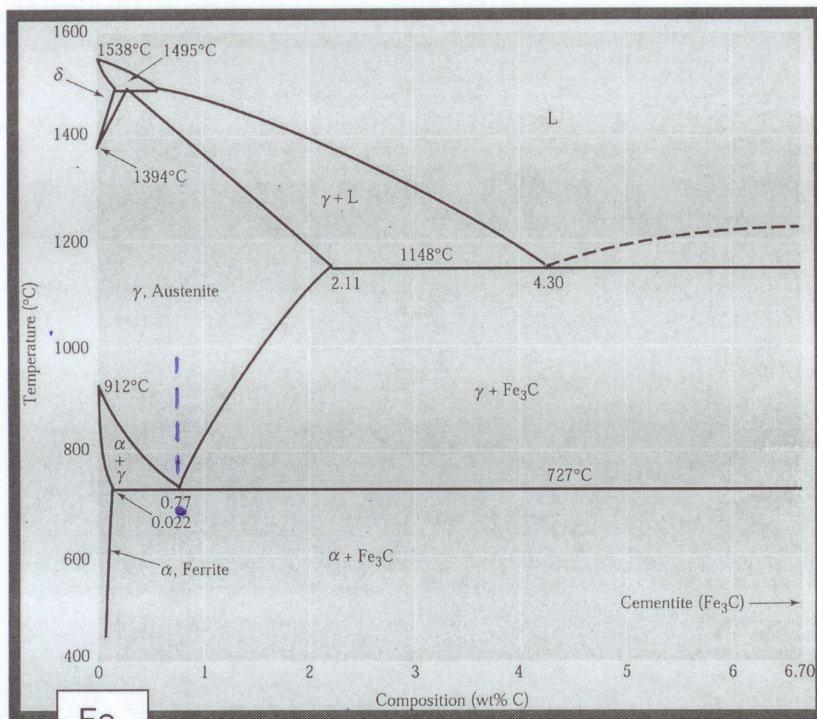
## MSE 2001H

## Quiz 4

October 26, 2011

Determine the fraction of cementite in a steel (Fe + C) of the eutectoid

composition (0.77 w/o C) at equilibrium just beneath the eutectoid temperature.



$$f_{\text{Fe}_3\text{C}} = \frac{0.77 - 0.022}{6.70 - 0.022} = 0.11$$