

Fo - An - Si Ternary System

Simple Ternary system, with a both a Ternary Eutectic and Ternary Peritectic

An intermediate, binary incongruently melting compound (En) on the Fo-Si join.

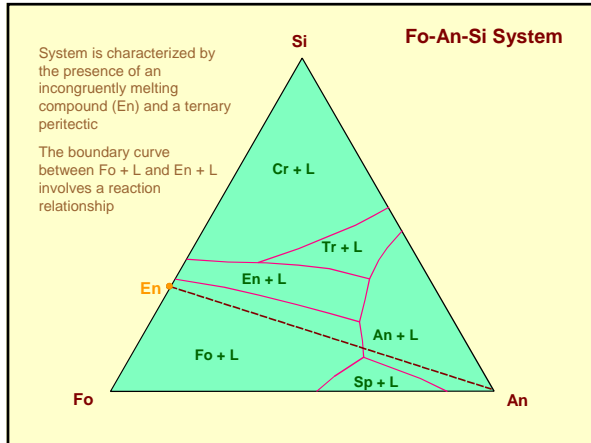
Comments

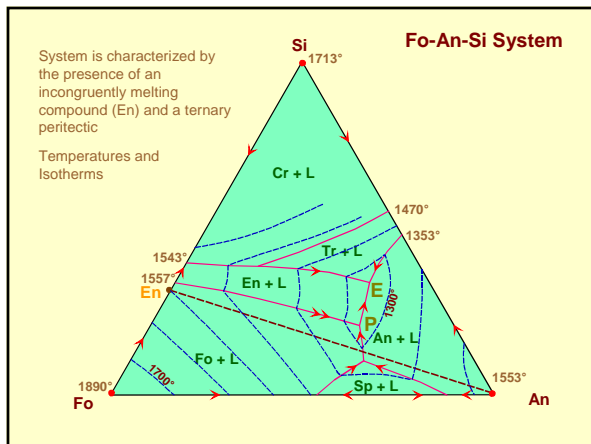
melting and crystallization are ternary except along the Fo-An join, where spinel appears on the liquidus
the En-An join, a Tie Line, divides the triangular area of the diagram (Fo-An-Si) into two smaller triangular areas

Fo-An-En

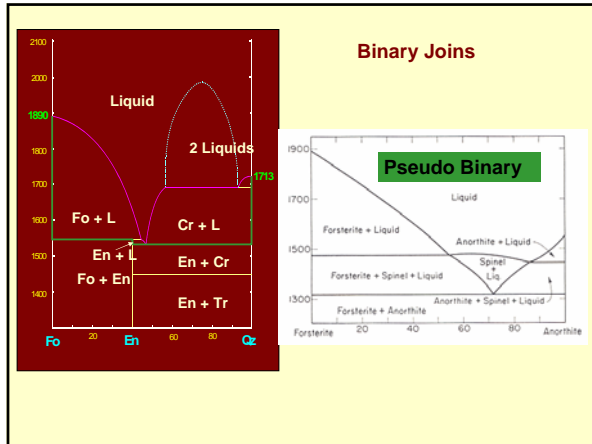
Si-En-An

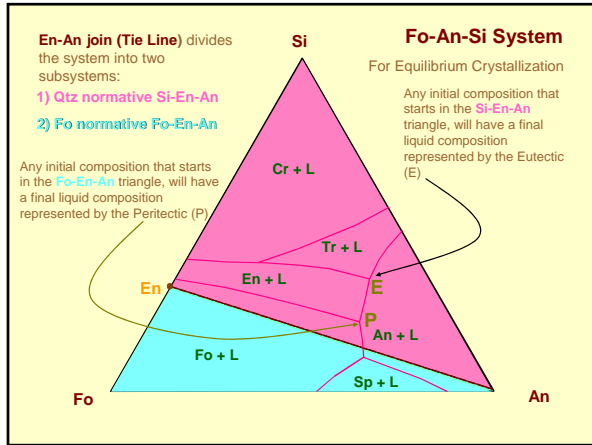
Look at **Equilibrium** and **Fractional** Crystallization in this simple system

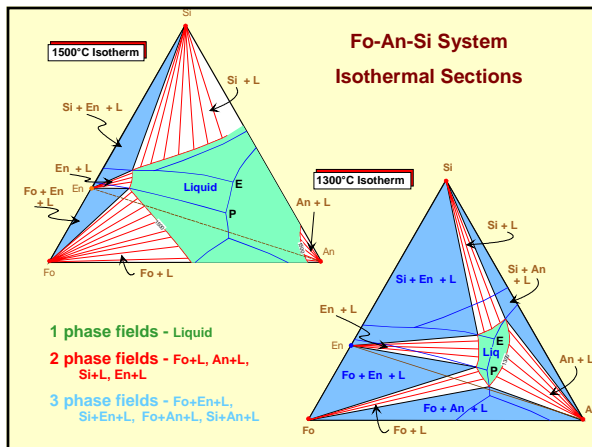




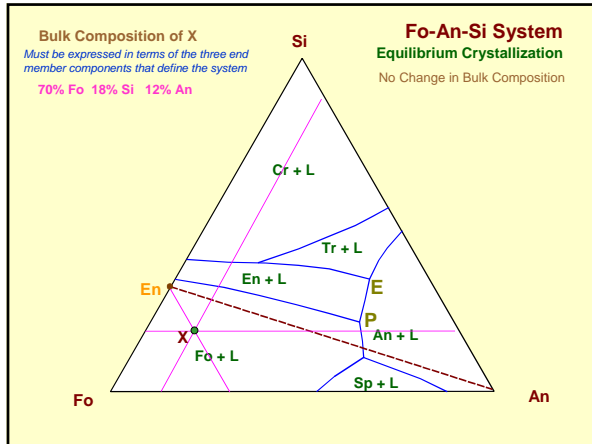
Fo-An-Si System

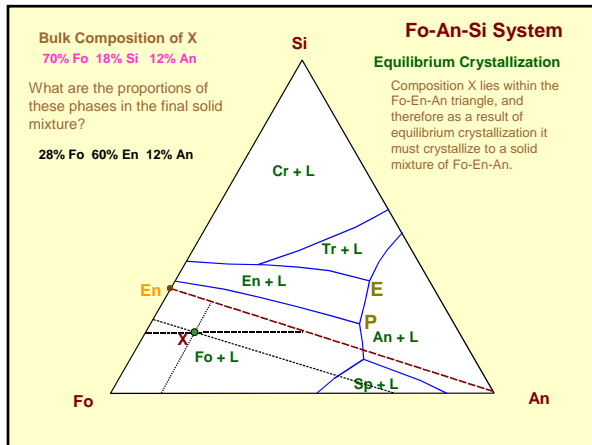


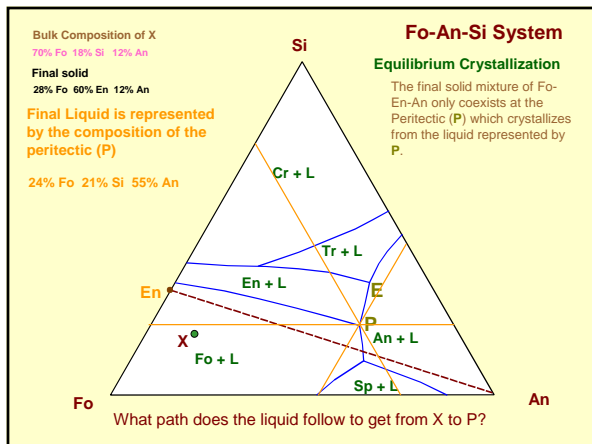




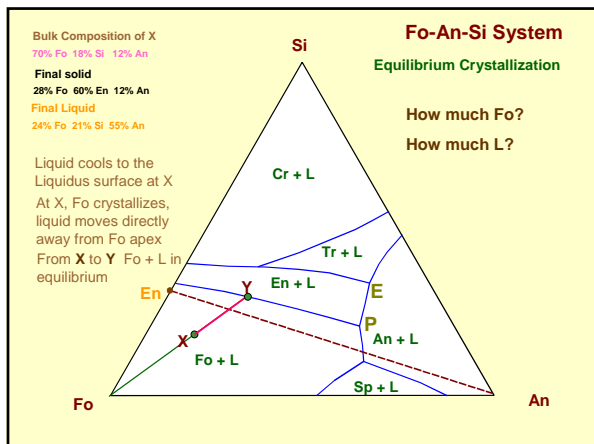
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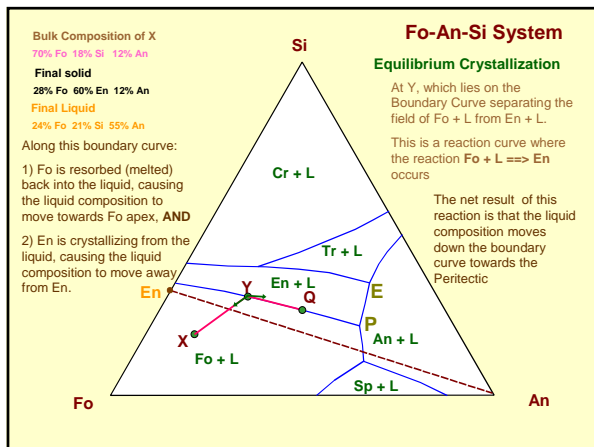


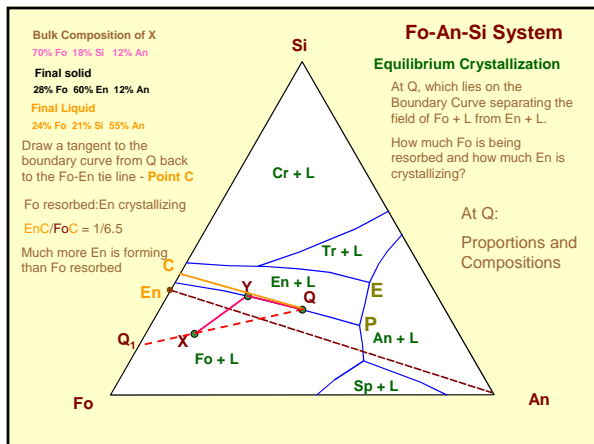




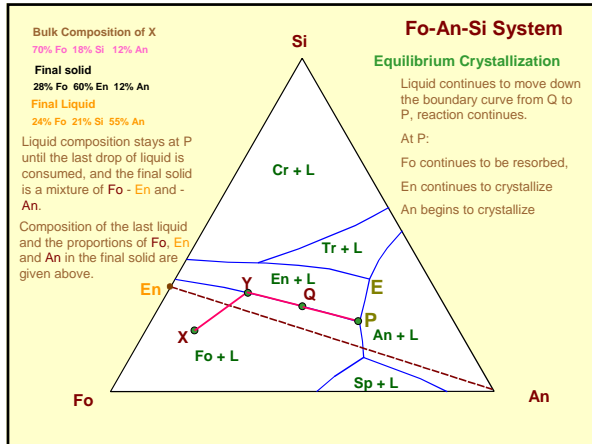
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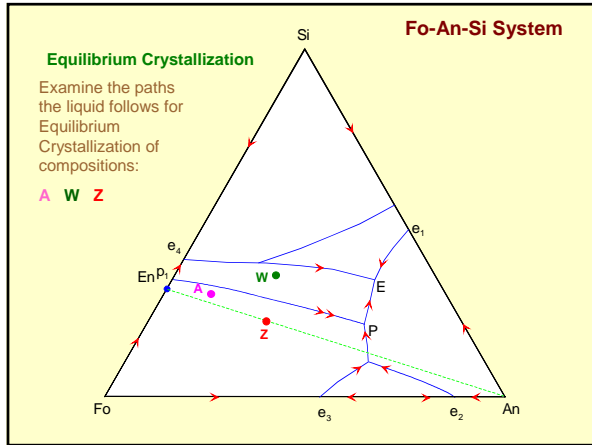


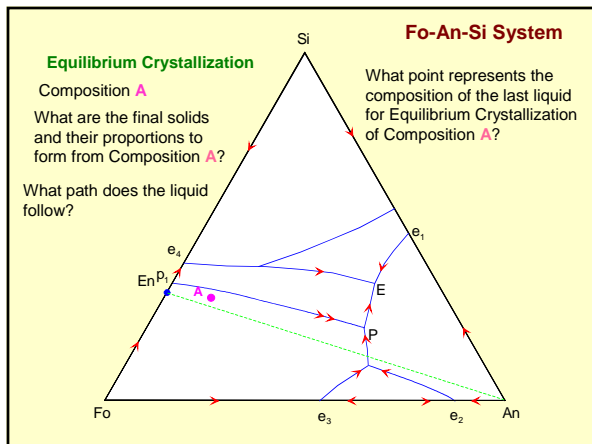




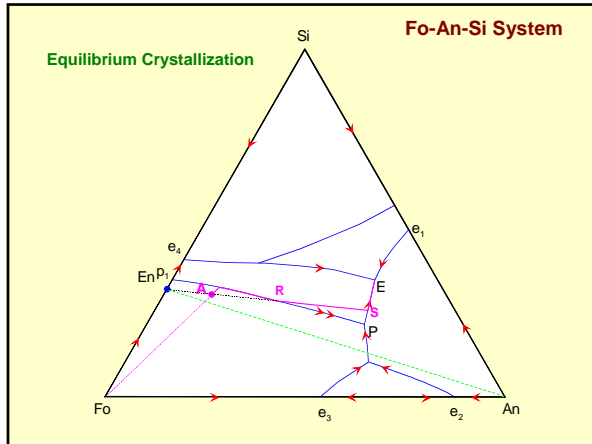
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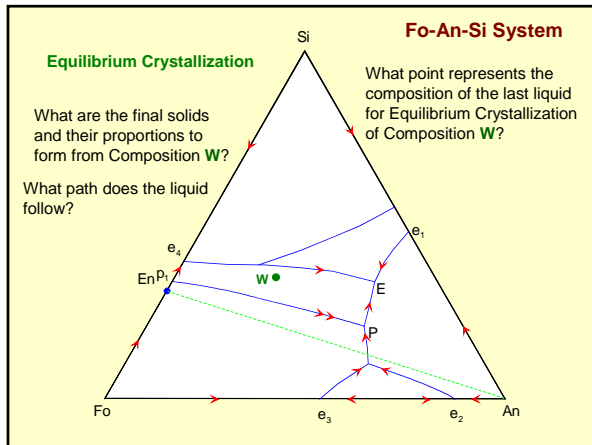


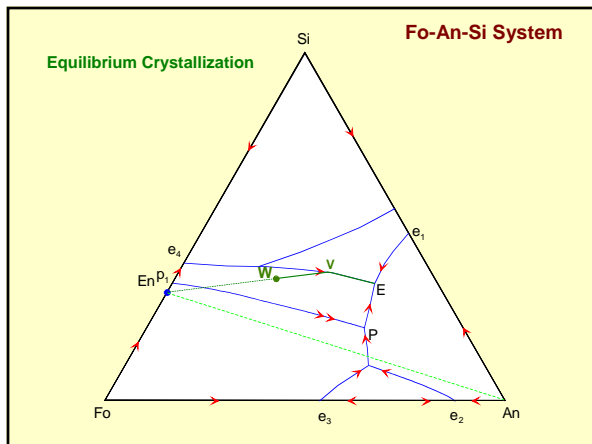




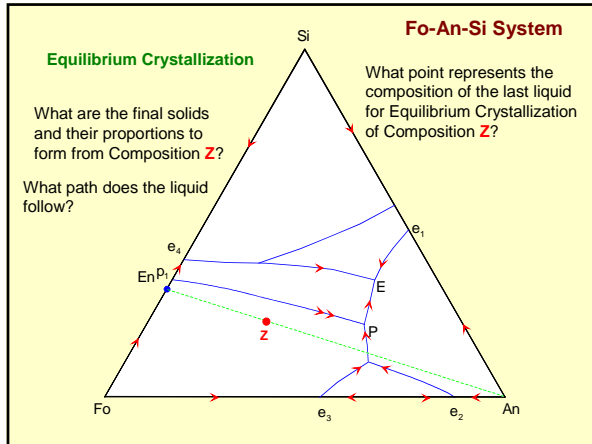
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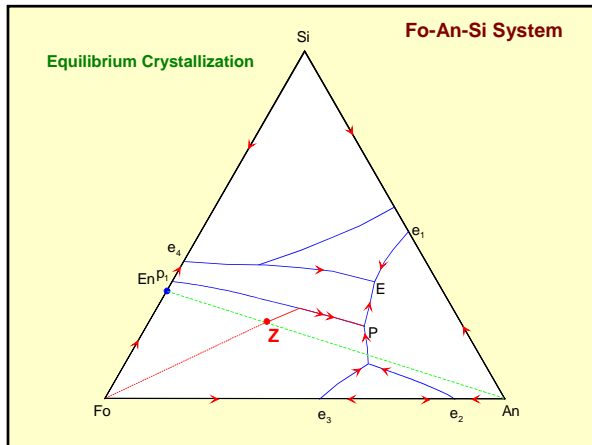


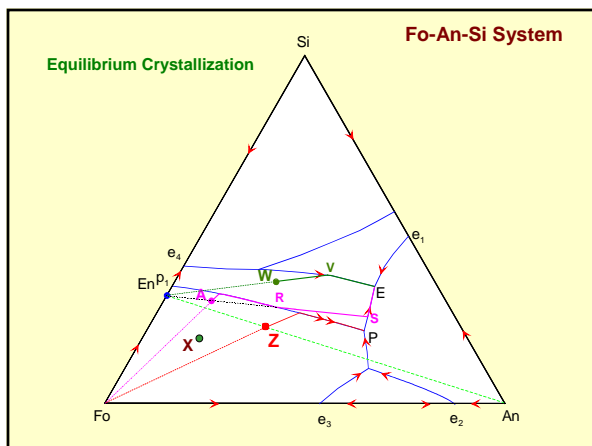




Fo-An-Si System







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