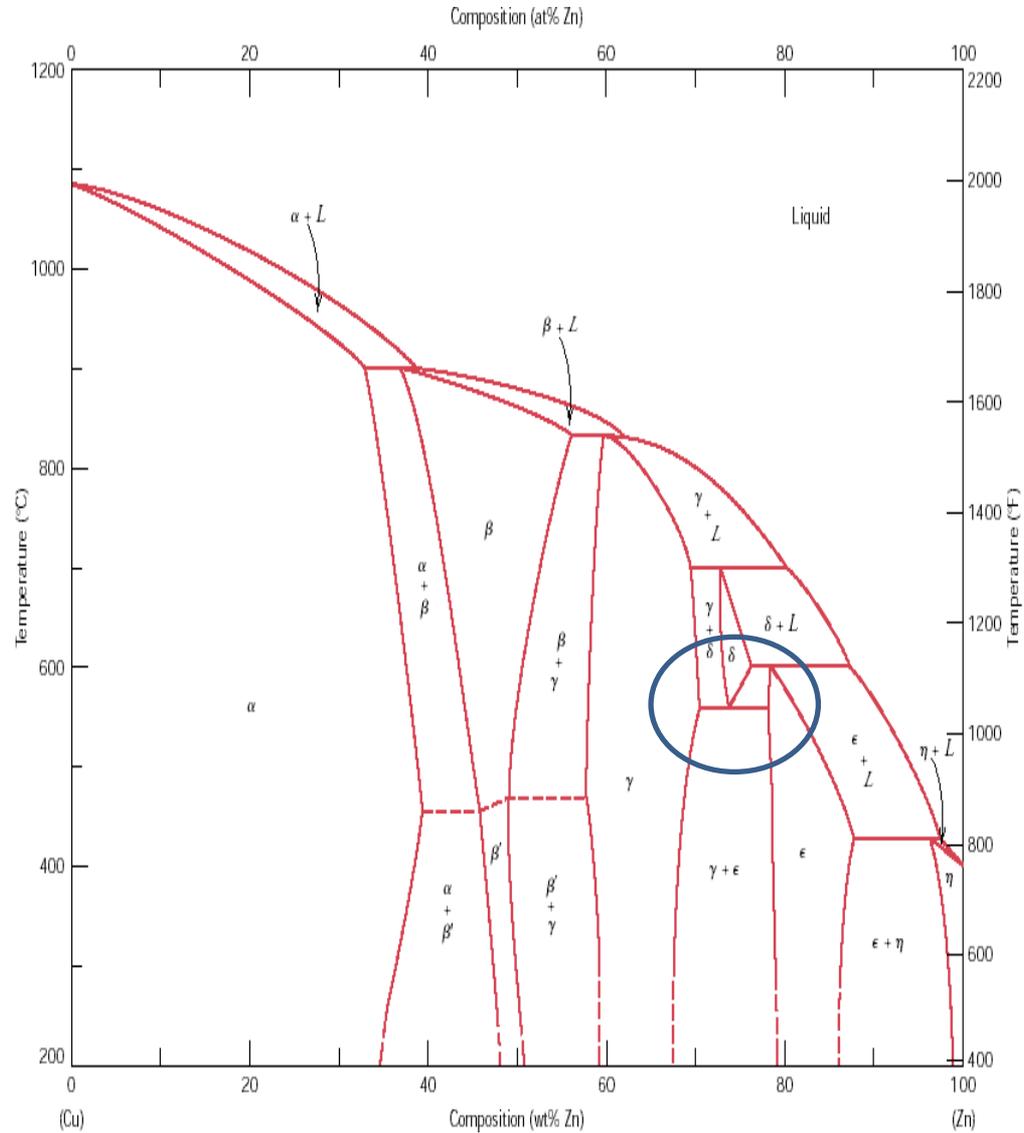


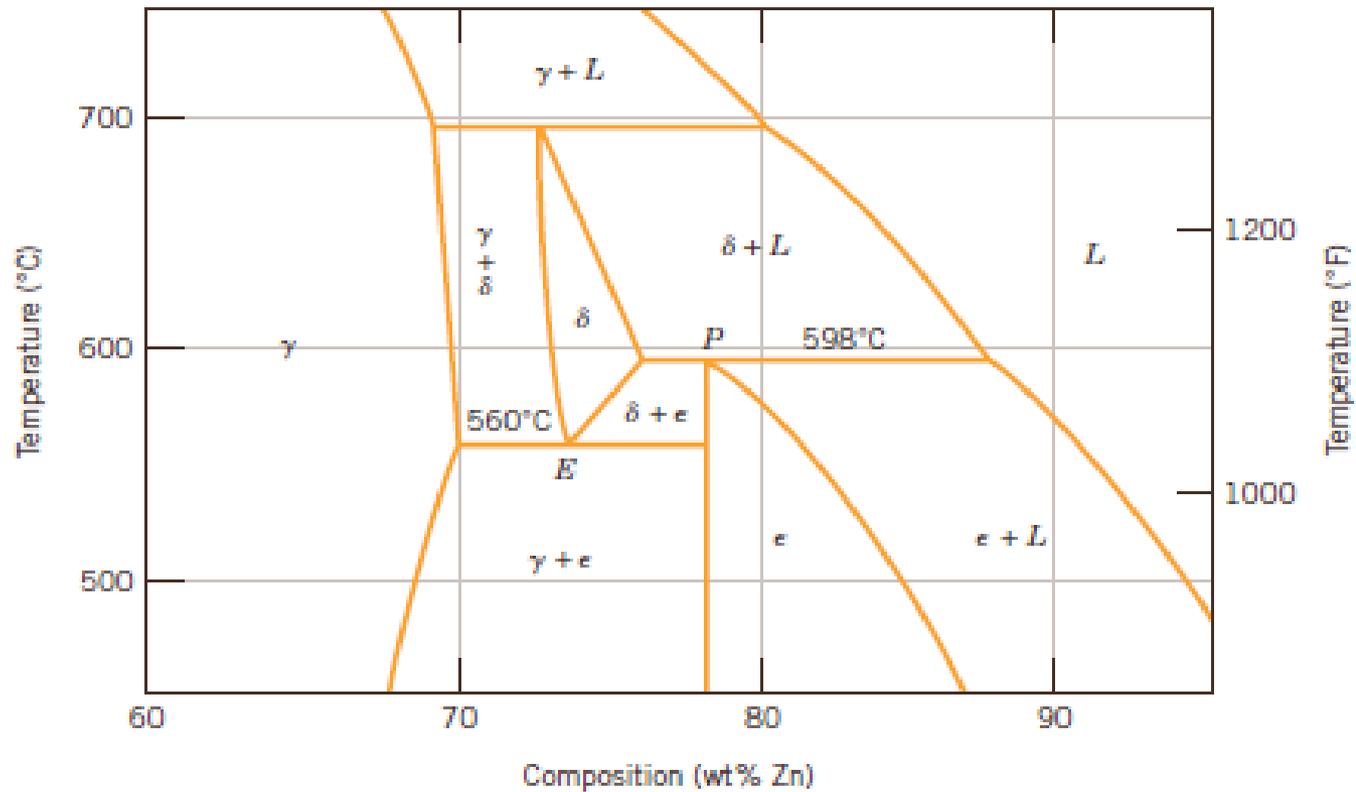
# Diagramas de Fases

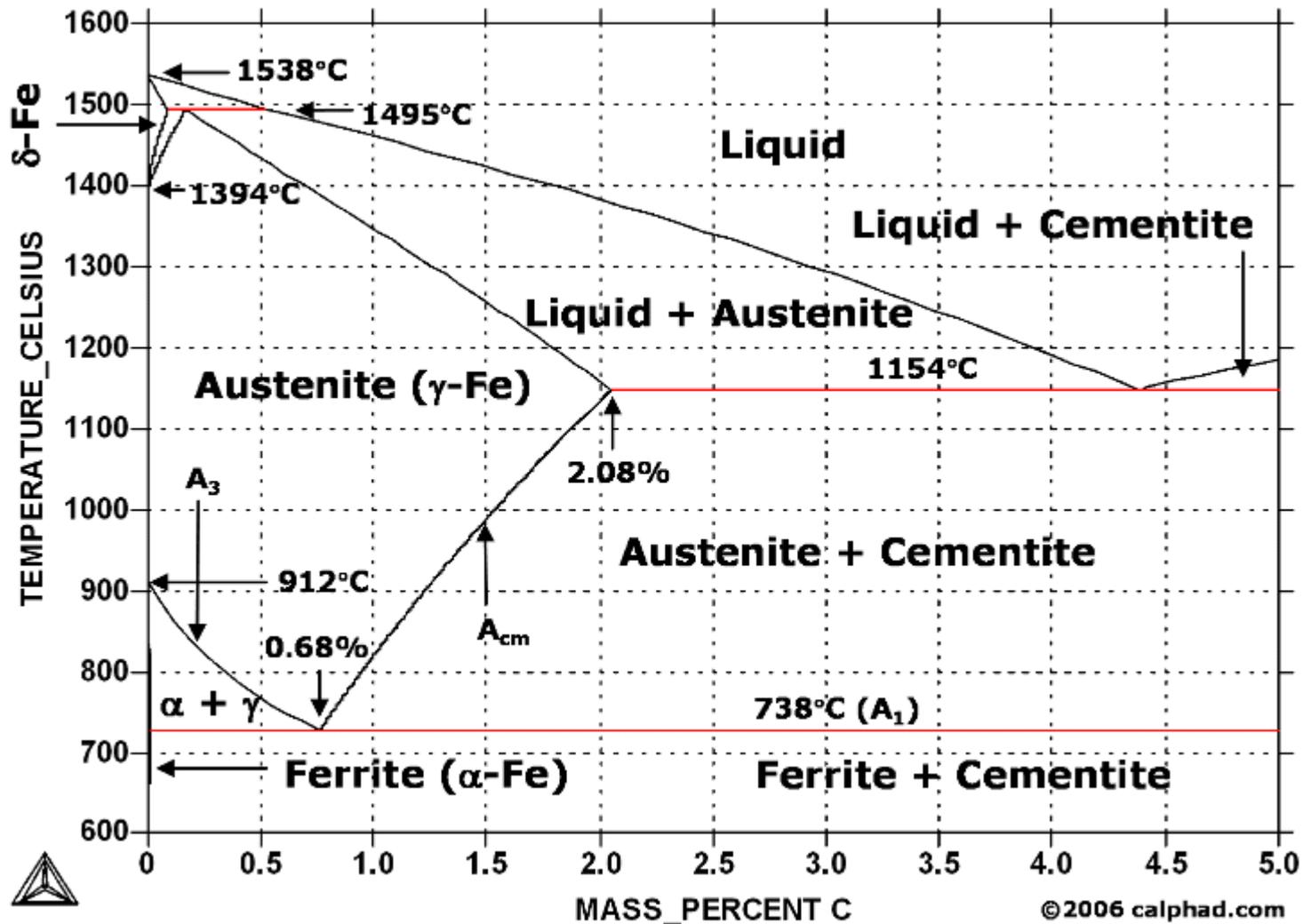
## Augusto Camara Neiva

Equilíbrios e reações no estado sólido em sistemas binários. Equilíbrios invariantes.

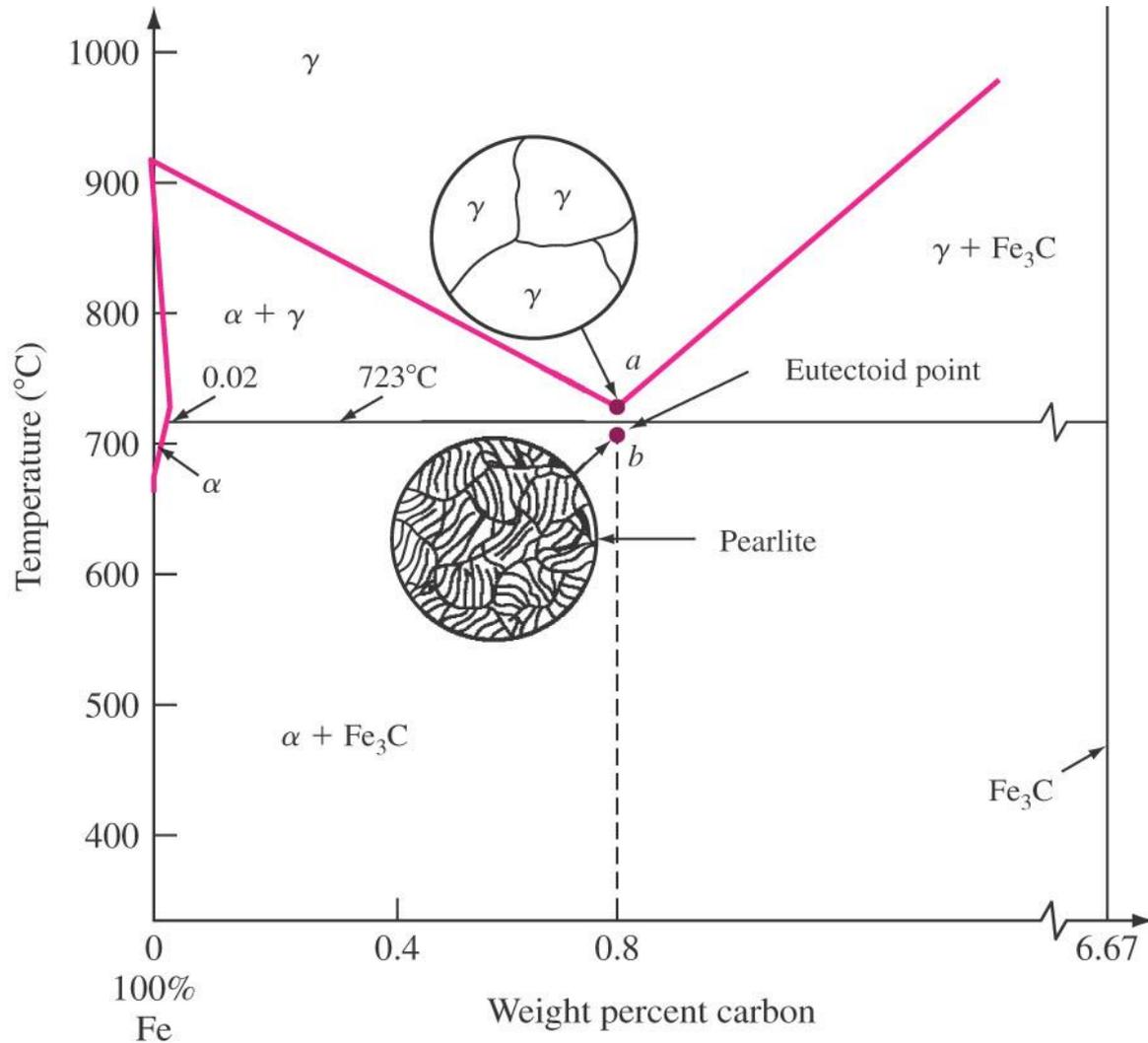
# Reação eutetóide

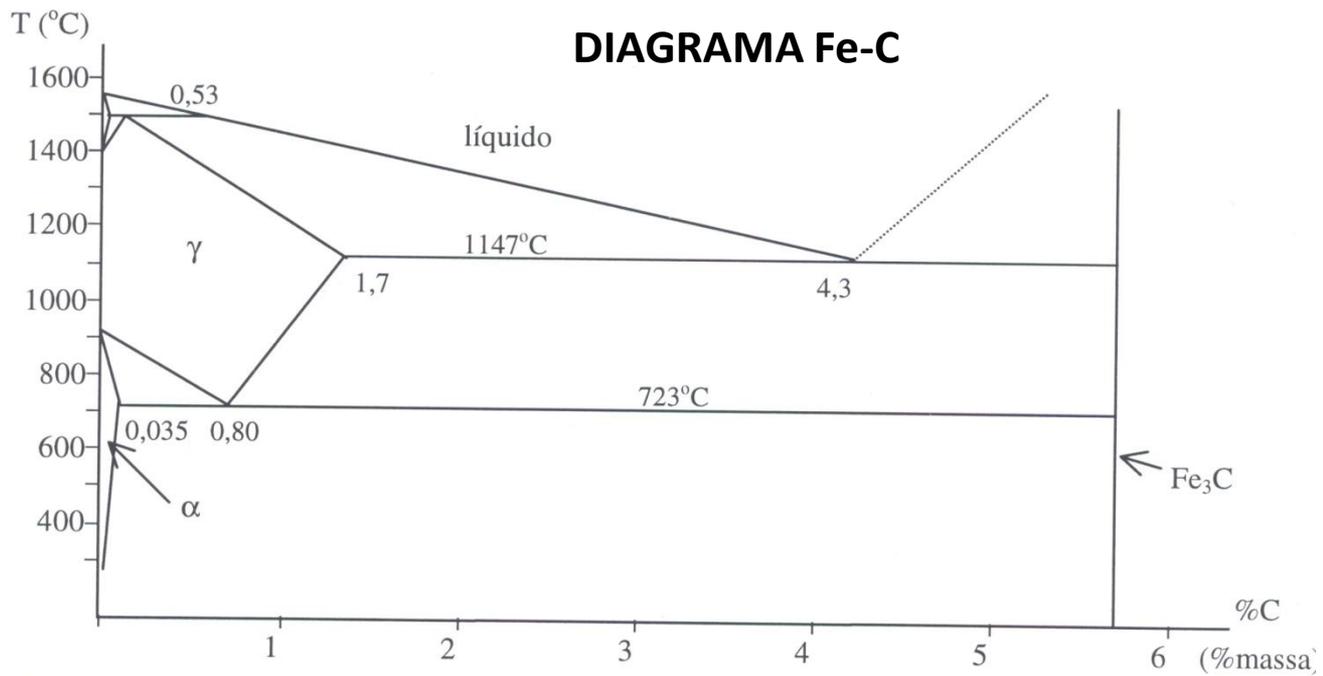




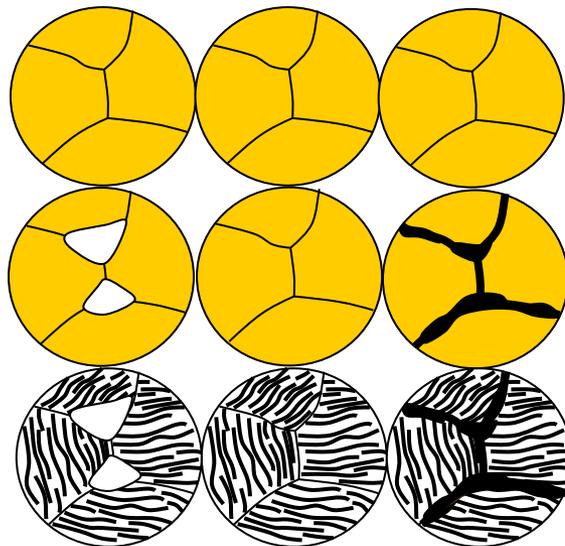


# Ponto eutetóide para os aços





**Figura 35** – Diagrama de fases Fe-C (diagrama metaestável, contendo  $\text{Fe}_3\text{C}$ )



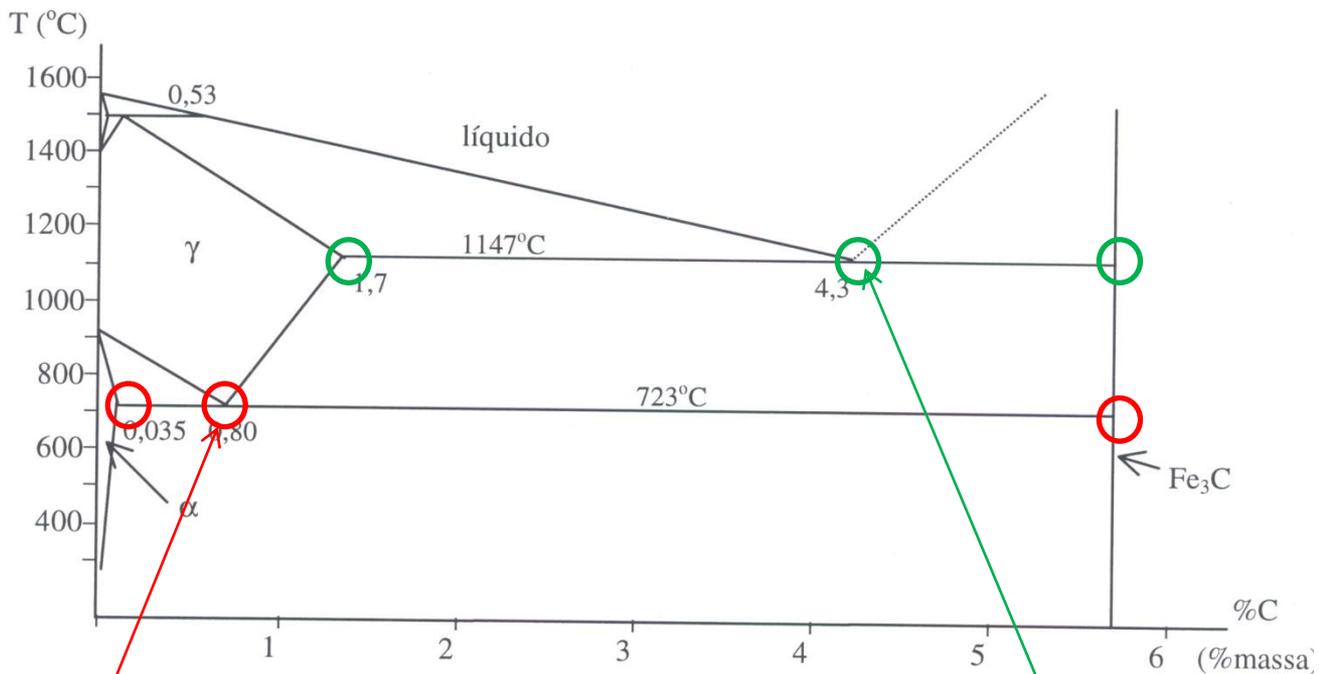
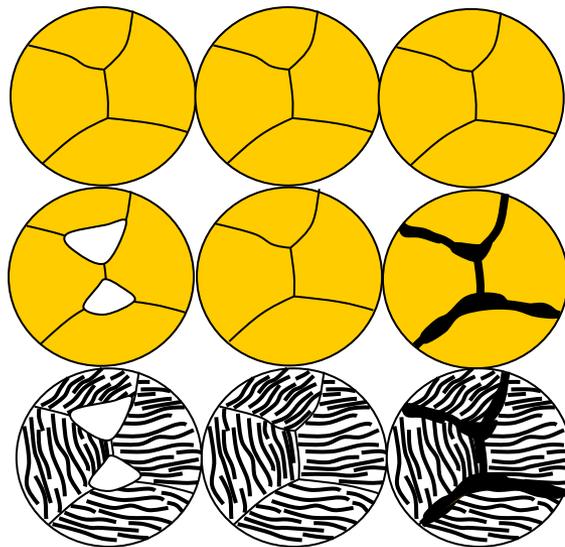


Figura 35 – Diagrama de fases Fe-C (diagrama metaestável, contendo Fe<sub>3</sub>C)

**reação eutetóide: gama**  
**→ alfa + Fe<sub>3</sub>C**

↑  
 austenita  
 ↓  
 ferrita

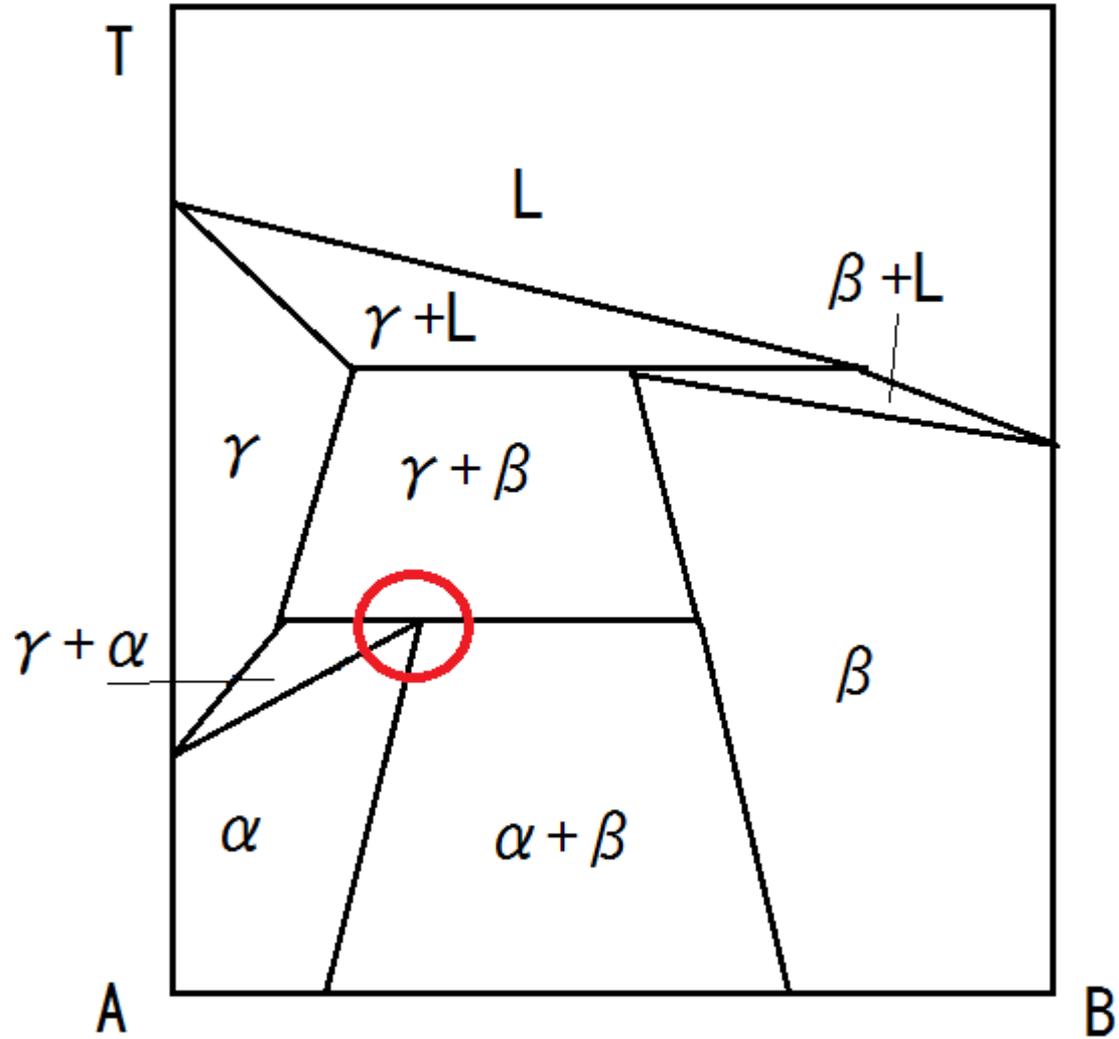
↑  
 cementita



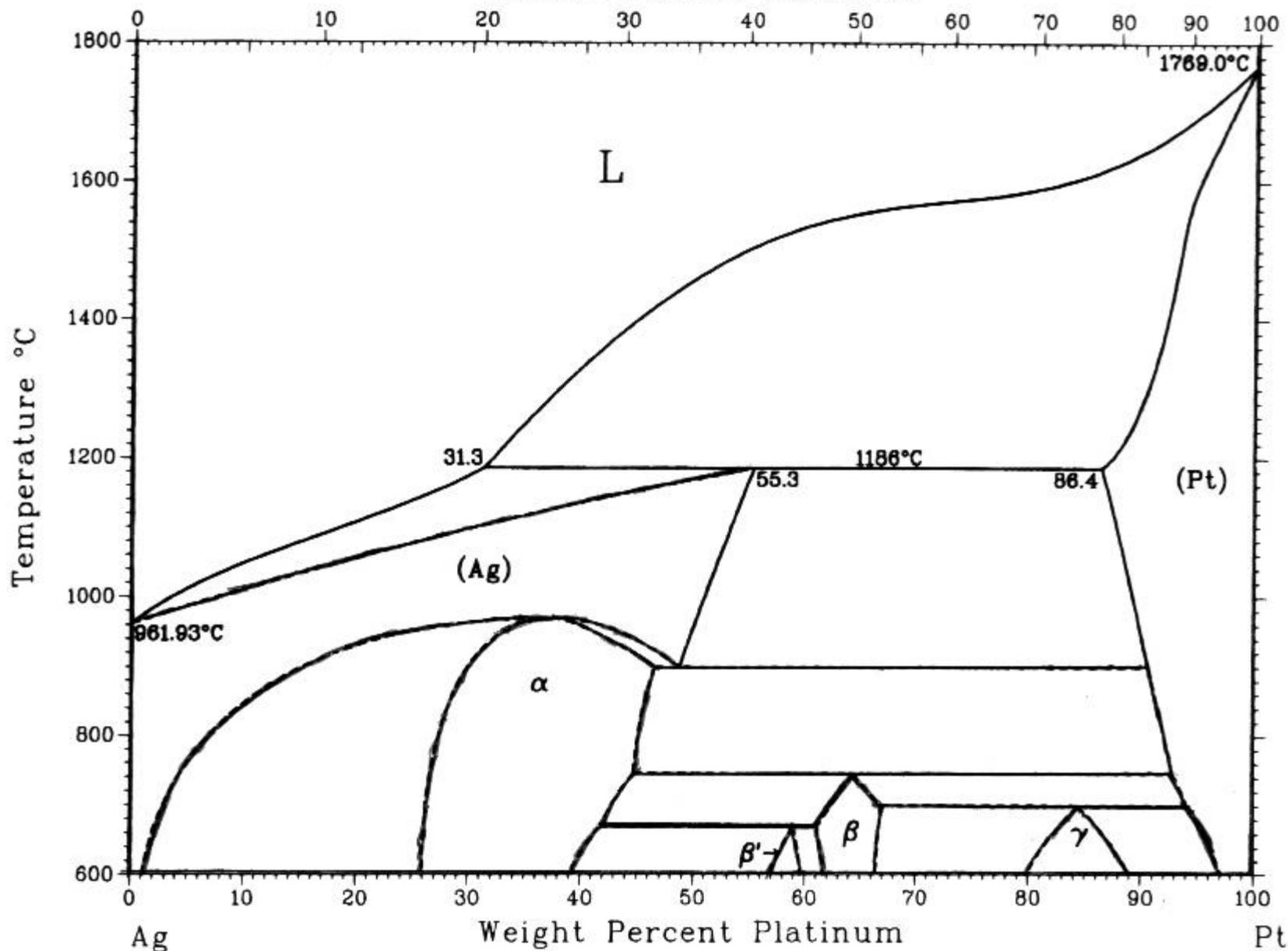
**reação eutética:**  
**L → gama + Fe<sub>3</sub>C**

**Composição: hipo eutetóide / eutetóide / hipereutetóide**

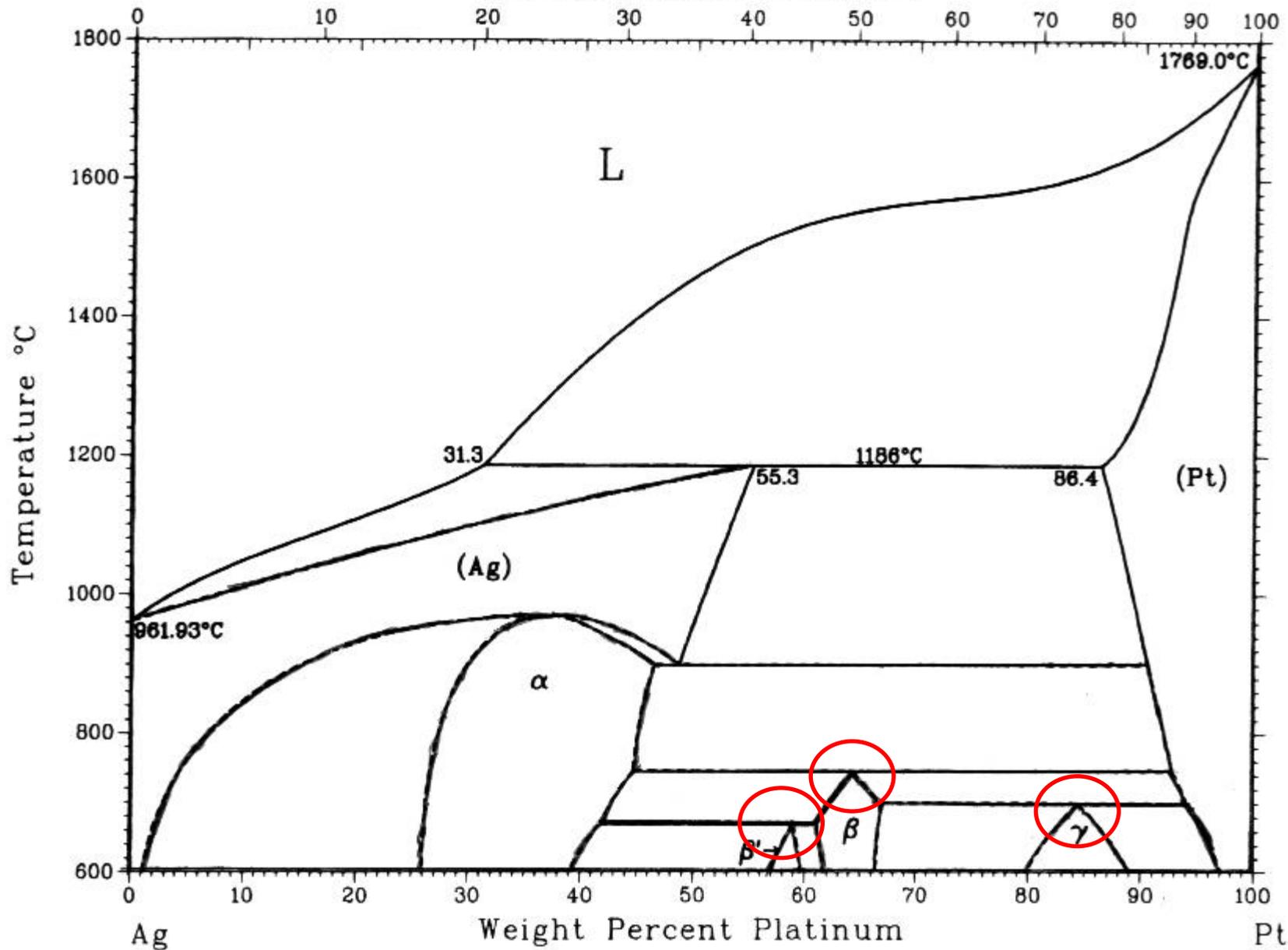
# Reação peritetóide



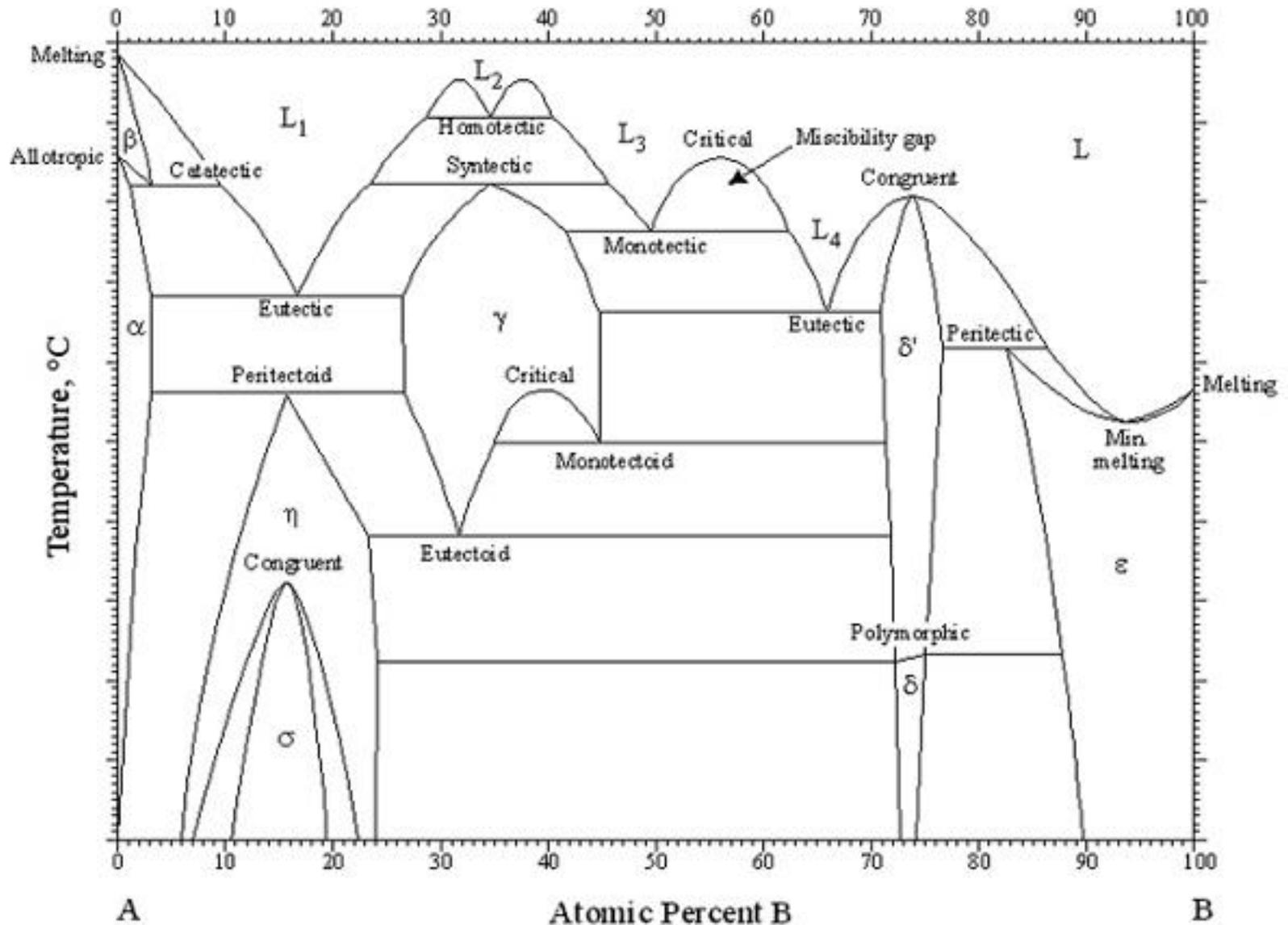
# Atomic Percent Platinum



# Atomic Percent Platinum



E vocês acham que já viram tudo?



<http://paulingfile.com/index.php?p=phase%20diagrams>

