









How to calculate the total amount of α phase?

Ouestion:



At T₁, just below the eutectic temperature, find the total amount of α phase (both eutectic and primary) in alloy C?



How to calculate relative amounts of microconstituents?

Question:

For alloy C, find the weight percentage of (1) primary α (2) eutectic phase and (3) eutectic α , at T₁ (just below the eutectic temperature)?





Construction of Phase Diagram

The data for the construction of equilibrium diagrams are determined experimentally by a variety of methods, the most common methods are:

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- Metallographic Methods
- Diffraction Techniques
- Thermal Analysis





Next time:

Phase diagrams with intermediate compounds

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