

Ge-V (Germanium-Vanadium)

H. Okamoto

The Ge-V phase diagram in [Massalski2] was redrawn from [1989Smi].

Figure 1 shows the Ge-V phase diagram calculated by [2008Wan] based on essentially the same data set as [1989Smi]. Accordingly, the diagrams of [1989Smi] and [2008Wan] are similar, but the diagram of [2008Wan] is naturally more thermodynamically consistent.

References

- 1989Smi:** J.F. Smith, Ge-V (Germanium-Vanadium), *Phase Diagrams of Binary Vanadium Alloys*, J.F. Smith, Ed., ASM International, Materials Park, OH, 1989, p 101-105
- 2008Wan:** C.P. Wang, A.Q. Zheng, and X.J. Liu, Thermodynamic Assessment of the V-Ge and V-Pt Systems, *Intermetallics*, 2008, **16**, p 544-549

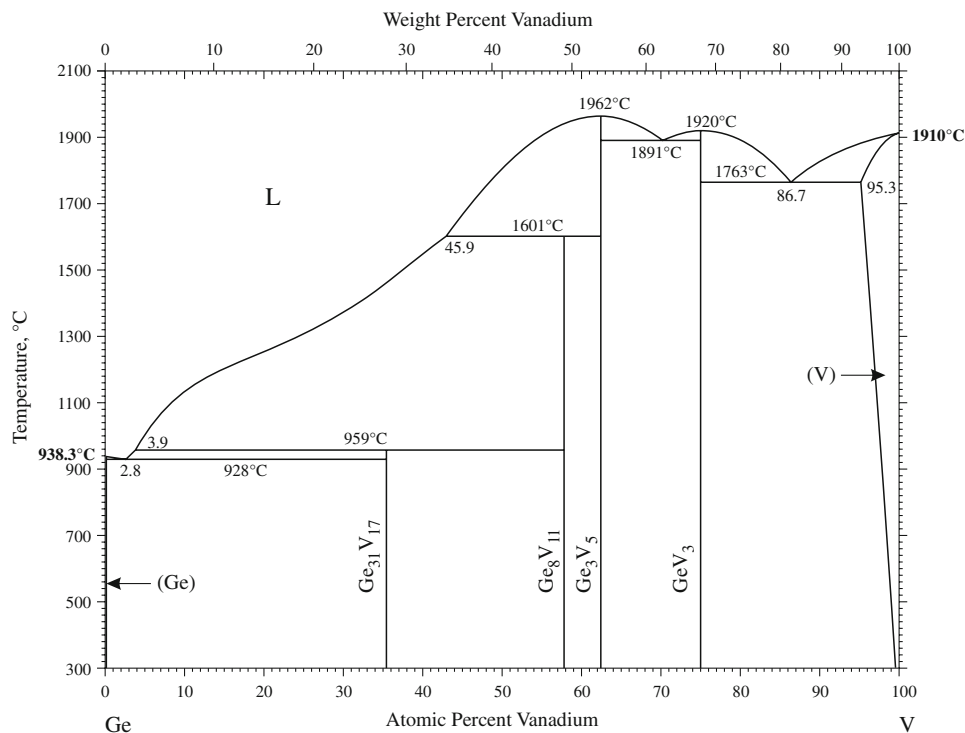


Fig. 1 Ge-V phase diagram