

# Addenda

Whereas the JPE editorial and production staff make every effort to preserve the integrity of each author's work, the occasional error occurs. In Vol. 17, No. 3, p. 270 of Supplemental Literature Reviews: "Hf-Ta (Hafnium-Tantalum)" by H. Okamoto, wherein Dr. Okamoto reviews the recent calculation of the Hf-Ta phase equilibria by Guillermet, part of the 1083 °C line was inadvertently omitted by a drawing program conversion error during the final production stages. The error produced a binary Hf-Ta phase diagram that violates the phase rule and is certainly not the diagram calculated by Dr. Guillermet [95Gui], and the error in no way reflects on him.

The error involved an erroneous termination of the horizontal line associated with the invariant monotectoid reaction:  $(\beta \text{ Hf, Ta}) \leftrightarrow (\alpha \text{ Hf}) + (\beta \text{ Hf, Ta})$ . In the incorrect diagram, this horizontal line started at 5.1 at.% Ta and terminated at 46.8 at.% Ta. In the corrected phase diagram (Fig. 1), the horizontal line also starts at 5.1 at.% Ta, extends through 46.8 at.% Ta, but terminates at 79.1 at.% Ta. The solid immiscibility region of  $(\beta \text{ Hf, Ta})$  lies above that portion of the invariant reaction line extending from 46.8 at.% Ta to 79.1 at.% Ta.

The entire staff extends sincere apologies to the author, and also to Dr. Guillermet.

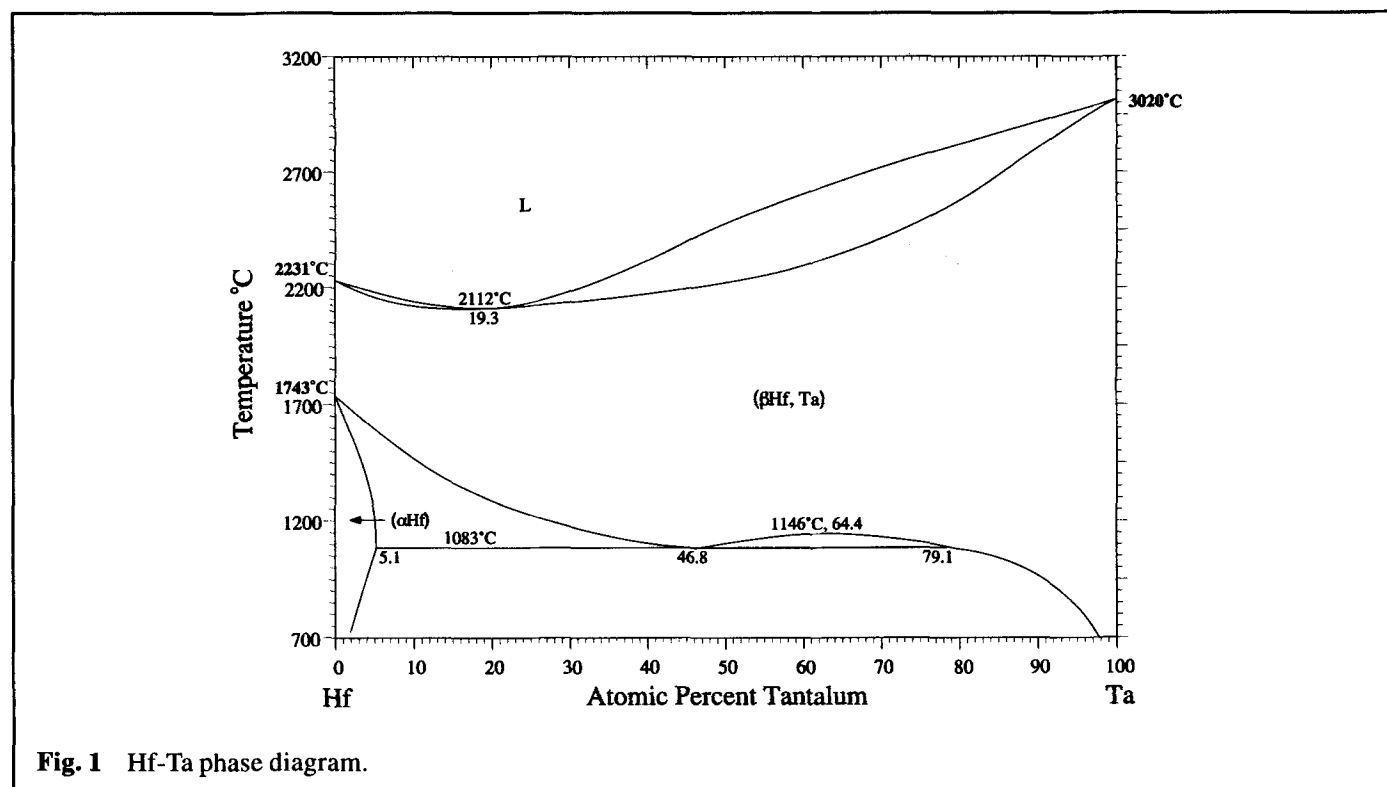


Fig. 1 Hf-Ta phase diagram.