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2. M. Chegini, A. Fallahi, and M. H. Shaen, *Proc. Mater. Sci.*, **11**: 95 (2015). DOI: <https://doi.org/10.1016/j.mspro.2015.11.116>
3. A. Meisel, G. Leonhardt, and R. Szargan, *Röntgenspektren und Chemische Bindung* [X-Ray Spectra and Chemical Bond] (Leipzig: Akademische Verlagsgesellschaft Geest & Portig K.-G.: 1977) (in German).
4. J. M. Ziman, *Printsipy Teorii Tverdogo Tela* [Principles of the Theory of Solids] (Moscow: Mir: 1974) (Russian translation).
5. M. A. Stucke, D. M. Dimiduk, and D. M. Hazzledine, *High Temperature Ordered Intermetallic Alloys. V* (Eds. I. Baker and R. Darolia) (Pittsburgh, PA, USA: MRS: 1993), p. 471.
6. *Handbook of Mathematical Functions with Formulas, Graphs and Mathematical Tables* (Eds. M. Abramowitz and I. A. Stegun), Nat’l Bureau of Standards. Appl. Math. Ser. Vol. 55 (Washington, D.C.: U.S. Govt. Printing Office: 1964).
7. B. B. Karpovych and O. B. Borovkoff, *Proc. of Symp. ‘Micromaterials Engineering’ (Dec. 25–31, 1999)* (Kyiv: RVV IMF: 2000), vol. 2, p. 113 (in Russian).
8. A. E. Krug, *Abstr. Int. Conf. Phys. Phenomena (Dec. 25–31, 1991, Alushta)* (Kharkiv: 1991), p. 12.
9. S. V. Dyvyns’ky, *Zakonomirnosti Dyfuziyi v Intermetallidakh ta Splavakh na Osnovi Perekhidnykh Metaliv* [Mechanisms of Diffusion in Intermetallides and Alloys Based on Transition Metals] (Thesis of Dissert. ... for the Degree of Dr. Phys.-Math. Sci.) (Kyiv: G. V. Kurdyumov Institute for Metal Physics, N.A.S.U.: 2006) (in Ukrainian).
10. E. M. Gololobov, V. B. Shipilo, N. I. Sedrenok, and A. I. Dudyak, *Sposob Polucheniya Kar-*

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bonitridov Metallov [Production Method of Metal Carbonitrides], Authors' Certificate 722341 SSSR (Publ. November 21, 1979) (in Russian).

11. V. G. Trubachev, K. V. Chuistov, V. N. Gorshkov, and A. E. Perekos, *Sposob Polucheniya Metallicheskih Poroshkov* [The Technology of Metallic Powder Production]: Patent 1639892 SU. MKI, B22 F9/02, 9/14 (Otkrytiya i Izobreteniya, 34, No. 13: 11) (1991) (in Russian).

12. Yu. M. Koval' and V. V. Nemoshkalenko, *O Prirode Martensitnykh Prevrashcheniy* [On the Nature of Martensitic Transformations] (Kyiv: 1998) (Prepr./N.A.S. of Ukraine. Inst. for Metal Physics. No. 1, 1998) (in Russian).

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