

Публикации сотрудников ведущей организации
«Новосибирский государственный технический университет»

1. Romanov D. A., Kuziv E. M., Bataev V. A., Gromov V. E., Ivanov Y. F. Structure and properties of electro-explosive TiC-Ni-Mo coatings of die steel after electron-beam treatment // Inorganic Materials: Applied Research. 2019. Vol. 10(3). P. 606-615.
2. Zimoglyadova T. A., Saage H., Pasichnik V. A., Egorova A. S., Matts O. Structure and properties of functional self-fluxing nickel-containing coatings obtained by non-vacuum electron-beam cladding // Metal Science and Heat Treatment. 2019. Vol. 60 (9-10). P. 633-640.
3. Витошкин И. Е., Маликов А. Г., Никулина А. А. Влияния смещения луча на механические свойства и микроструктуру соединений разнородных сплавов // Сборник научных трудов: Наука, технологии. Инновации. 2018. С. 152-155.
4. Malikov A. G., Orishich A. M., Vitoshkin I. E., Nikulina A. A. Laser welding of heterogeneous materials in the titanium alloy VT-5 and aluminum alloy V-1461 // Proceedings of 19 International Conference on the Methods of Aerophysical Research, 2018. Art. 030074.
5. Никулина А. А., Смирнов А. И., Туричин Г. А., Климова-Корсмик О. Г., Бабкин К. Д. Особенности строения сварных швов, сформированных лазерной сваркой разнородных сплавов основе титана и алюминия // Металловедение и термическая обработка металлов. 2017. № 8 (746). С. 62-67.
6. Losinskaya A. A., Lozhkina E. A., Bardin A. I. Structure and properties of steel case hardened by non-vacuum electron-beam cladding of carbon fibers // IOP Conference Series: Materials Science and Engineering. 2018. Vol. 286 (1). Art. 012036.
7. Lazurenko D. V., Alferova G. I., Golkovsky M. G., Emurlaev K. I., Emurlaeva Y. Y., Bataev A. A. Formation of wear-resistant copper-bearing layers on the surfaces of steel substrates by non-vacuum electron beam cladding using powder mixtures // Surface and Coatings Technology. 2020. Vol. 395. Art. 125927.
8. Lazurenko D. V., Laptev I. S., Golkovsky M. G., Stark A., Paul J., Bataev I., Pyczak F. Influence of the Ti/Al/Nb ratio on the structure and properties on intermetallic layers obtained on titanium by non-vacuum electron beam cladding // Materials Characterization 2020. Vol. 163. Art. 110246.
9. Ogneva T. S., Ruktuev A. A., Lazurenko D. V., Khomyakov M., Karmanova A. Microstructure and mechanical properties of Ni-Al intermetallic thin

coatings produced by magnetron sputtering // IOP Conference Series: Materials Science and Engineering. 2020. Vol. 795 (1). Art. 012002.

10. Rashkovets M., Nikulina A., Turichin G., Klimova-Korsmik O., Sklyar M. Microstructure and phase composition of ni-based alloy obtained by high-speed direct laser deposition // Journal of Materials Engineering and Performance. 2018. Vol. 27(12). P. 6398-6406.