

MODELING OF THE SHORT-RANGE STRUCTURE IN Ni—P ALLOYS

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S u m m a r y

The local atomic structure of amorphous and nanocrystalline Ni—P alloys obtained by the pulsed electrodeposition method has been studied. The model describing the structure of alloys of such kinds is proposed, as a result of the combined analysis of the atomic radial distribution function (ARDF) and the simulated diffraction peak profiles of structural factors.