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**Control of nanogeometry of parts by the method of surface hardening**

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**Abstract.** The problem of controlling the nanogeometry (sub-roughness) of the surface by technological methods of surface hardening is viewed. The possibility of changing the sub-roughness by technological methods is shown. It is found that surface roughness parameters decrease through the use of diffusive silicification.

**Keywords:** nanogeometry, sub-roughness, technological processing, surface hardening,

mechanical engineering technology.

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**Body of text**

–introduction;

– article (sections «Methods and materials», «Results», «Discussion», etc.);

– conclusion.

The main text of the article can be divided into topical sections and subheads

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