

RESEARCH OF ROUGHNESS OF SURFACE ROLLERS WITH MODIFIED CONTACT ON THE BASIS OF ANALYSIS OF THEAR AUTOCORRELATION FUNCTIONS

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Samara State Technical University

New approaches to estimation of a roughness of rollers' surfaces after finishing processing are offered in the article. During research two methods were compared. The first method is traditional – researching the profile of the surfaces. The second is based on application of optical-electronic means and computer technologies. Results of comparison of a roughness of a surface after grindings by abrasive circles are presented.

A rollers with modified contact, a roughness surfaces, section gag log, autocorrelation function, optical-electronic method

Nosov Nikolay Vasilevich, Doctor of Engineering Science, Professor, the Dean of Machine-building Faculty, Managing faculty «Technology of mechanical engineering», Samara State Technical University. E-mail: nosov@samgtu.ru. Area of research: technological maintenance of quality and accuracy of a surface.

Abramov Alexey Dmitrievich, Candidate of Engineering Science, Senior lecturer of faculty «Electronic systems and information safety» of Samara State Technical University. E-mail: nosov@samgtu.ru. Area of research: electronic-measuring control systems and programming.

Haustov Vyacheslav Ivanovich, Technical director SPZ-9, a competitor of department is «Technology of engineer». E-mail: nosov@samgtu.ru. Area of research: technology of processing and assembly of precision bearings.

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