

658.52.011.56  
A22

ISSN 1027-3638

# АВТОМАТИЗАЦІЯ

**ВИРОБНИЧИХ ПРОЦЕСІВ  
У МАШИНОБУДУВАННІ  
ТА ПРИЛАДОБУДУВАННІ**

УКРАЇНСЬКИЙ МІЖВІДОМЧИЙ НАУКОВО-ТЕХНІЧНИЙ ЗБІРНИК

**52**  
**1965**  
**2018**

“ ”

-

*1965 .*

**52**

- - . , . . .

620.621

- “  
“  
,  
;  
-  
;  
;  
;  
-  
“  
“  
( 41 26.02.2018 .)  
( 13038-1922 20.07.2007 .)

- “ ”;  
“ ” - , . . . ( ) );  
.. ( )  
:  
- . , . . . ( . . . );  
- . , . . . ( . . . );  
.. ( . . . );  
- . , . . . ;  
- . , . . . ;  
- . , . . . ;  
- “ - ;  
- “ - .

79013, -13, , 12,  
“( . . . )  
(0322) 58-21-54  
e-mail: vol.gursky@gmail.com

· ” · ” · ·	-6.....	3
<b>V. Korendiy.</b> Substantiation of parameters and motion modelling of two-mass mobile vibratory system with two unbalanced vibration exciters.....		16
<b>I. Kuzio, V. Zakharov, V. Korendiy.</b> Modelling the process of dressing the laps of vibratory finishing machine.....		32
· C., · M., · ·	-	
	.....	43
· ” · ·	.....	57
· ” · ” · ” · ·	.....	72
· ” · ·	.....	95
· ·	.....	103
· ” · ” · ” · ·	.....	114
	.....	129

## CONTENTS

<b>V. Biloborodchenko, A. Zabransky, S. Mironov.</b> Optimization technology for spot capacitor welding of planar products from AMG-6 alloys.....	3
<b>V. Korendiy.</b> Substantiation of parameters and motion modelling of two-mass mobile vibratory system with two unbalanced vibration exciters.....	16
<b>I. Kuzio, V. Zakharov, V. Korendiy.</b> Modelling the process of dressing the laps of vibratory finishing machine.....	32
<b>O. Lanets, V. Borovets, I. Derevenko.</b> Adjustment of analytical examples for installation of inertial and fastest parameters of bilateral resonance vibrating machines.....	43
<b>Ya. Lytvyniak, I. Yurchyshyn.</b> Design of forming by helix coaxial formative lines of tooth flank of spur helical gear.....	57
<b>V. Loveykin, K. Pochka, Yu. Romasevych, Yu. Loveykin.</b> Dynamic analysis of cars of roller formation taking into account dissipative properties of driving mechanisms.....	72
<b>Z. Stotsko, R. Sheremeta.</b> Modeling of the process of erosion wearout of elements of valve seals.....	95
<b>V. Trush.</b> influence heating rate and processing time on the kinetics of a zirconium alloy thermo diffusion saturation by oxygen.....	103
<b>O. Yaroshevych, I. Zabrodets, V. Marty niuk, M. Yaroshevych.</b> Oscillations of vibrational machine drive with unbalanced exciters.....	114
.....	129