

Section

MACHINE CONSTRUCTION

C O N T E N T S

Pp.

ANA MARIA BOCĂNET, IRINA COZMÎNCĂ and CRISTIAN CROITORU, Experimental Researches Regarding Cutting Forces in Symmetrical Face Milling (English, Romanian summary)	9
MIHAIL AIGNĀTOAIE, CAD-FEA Study on the Influence of CHAMFER on Stress Concentration in a Pipe T Shape (English, Romanian summary)	19
MIHAIL AIGNĀTOAIE, CAD-FEA Study on the Influence of FILLET on Stress Concentration in a Pipe T Shape (English, Romanian summary)	27
DANIEL MĂRGUȚĂ, Planning Experiments for Water Jet Cutting of the Parts Obtained from “Liquid Wood” (English, Romanian summary)	35
FLORENTINA MOCANU, Calculus of Bending Moment Corresponding to the Centrifugal Force (English, Romanian summary)	47
EMILIAN PĂDURARU and CĂTĂLIN GABRIEL DUMITRĂŞ, Designing a Flexible Gripping System for an Industrial Robotic Arm (English, Romanian summary)	55
DAN SCURTU and DORU CĂLĂRAŞU, Laminar Flow of Magneto-rheological Fluid Flowing in Current Pipes (English, Romanian summary)	61