

ASPECTE PRIVIND INFLUENȚA PARAMETRILOR REGIMULUI DE AȘCHIERE ASUPRA NIVELULUI DE VIBRAȚII LA OPERAȚIA DE FREZARE

ASPECTS REGARDING THE INFLUENCE OF THE CUTTING REGIME PARAMETERS ON THE LEVEL OF VIBRATION FOR THE MILLING OPERATION

Dr.ing. Iuliu-Cristian GELMEREANU

Ș.l.dr.ing. Emilia Maria CÂMPEAN
Universitatea Tehnică din Cluj-Napoca

Abstract: This paper aims to achieve a relation between the cutting regime values and the vibration level. Cutting regime changes in milling processes are based on careful monitoring of vibration. Taking into account the three parameters, it has been generated, with the DataFit software, graphics and formulas for the conducted factorial experiment.

Keywords: cutting regime, milling, productivity, vibration