## CONTENTS OF ISSUE 1 VOL. XLVI

S. Jemiolo and J.J. Telega, Fabric tensors in bone mechanics	3
W. Zowczak, Plastic design of elements of bolt and pin joints subjected to compressive loads	27
M. NOWAK, Stability derivatives cast in the frame of subsonic unsteady dynamics	45
J. Jedrysiak, On dynamics of thin plates with a periodic structure	73
J. Jędrysiak, Free vibrations of thin periodic plates	89
M. Pyrz, Optimization of variable thickness plates by genetic algorithms	115
F. REJMUND and P. RANACHOWSKI, Experimental methods of determination of short and	131