**Analyze of elasto-hydro-dynamic friction of a cylindrical bush
with elliptical cross-section** SERGEY VERLINSKI, LAVRENTI SHEKYAN,
State Engineering University of Armenia, STATE ENGINEERING UNIVERSITY
OF ARMENIA TEAM — The framework of elasto-hydro-dynamic lubrication the-
ory will be discussed. The theoretical plane contact problem of a liquid friction
rotating about a cylindrical axis with a fixed non-deformable elastic cylindrical bush
will presented. An elliptical ring cross-sectional shape will considered for the bush.
The problem will be solved with a closed system of nonlinear integral equations.

Sergey Verlinski
State Engineering University of Armenia