

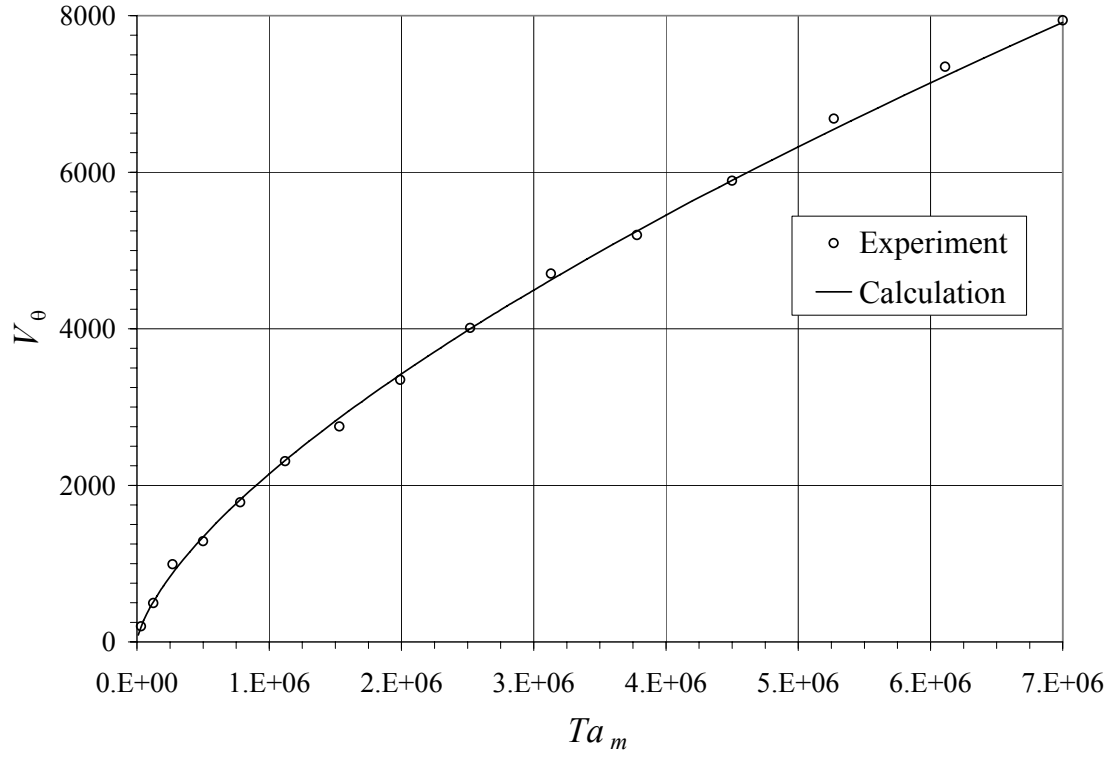


Fig.6. Dependence of the dimensionless azimuthal velocity on the RMF Taylor number in the point $r = R/2$, $z = H/2$. Calculation and measurements for $H/R = 2$, $B = 2.1$ mT, $Ta_m = 3.03 \times 10^6$, $Ha = 2.58$.