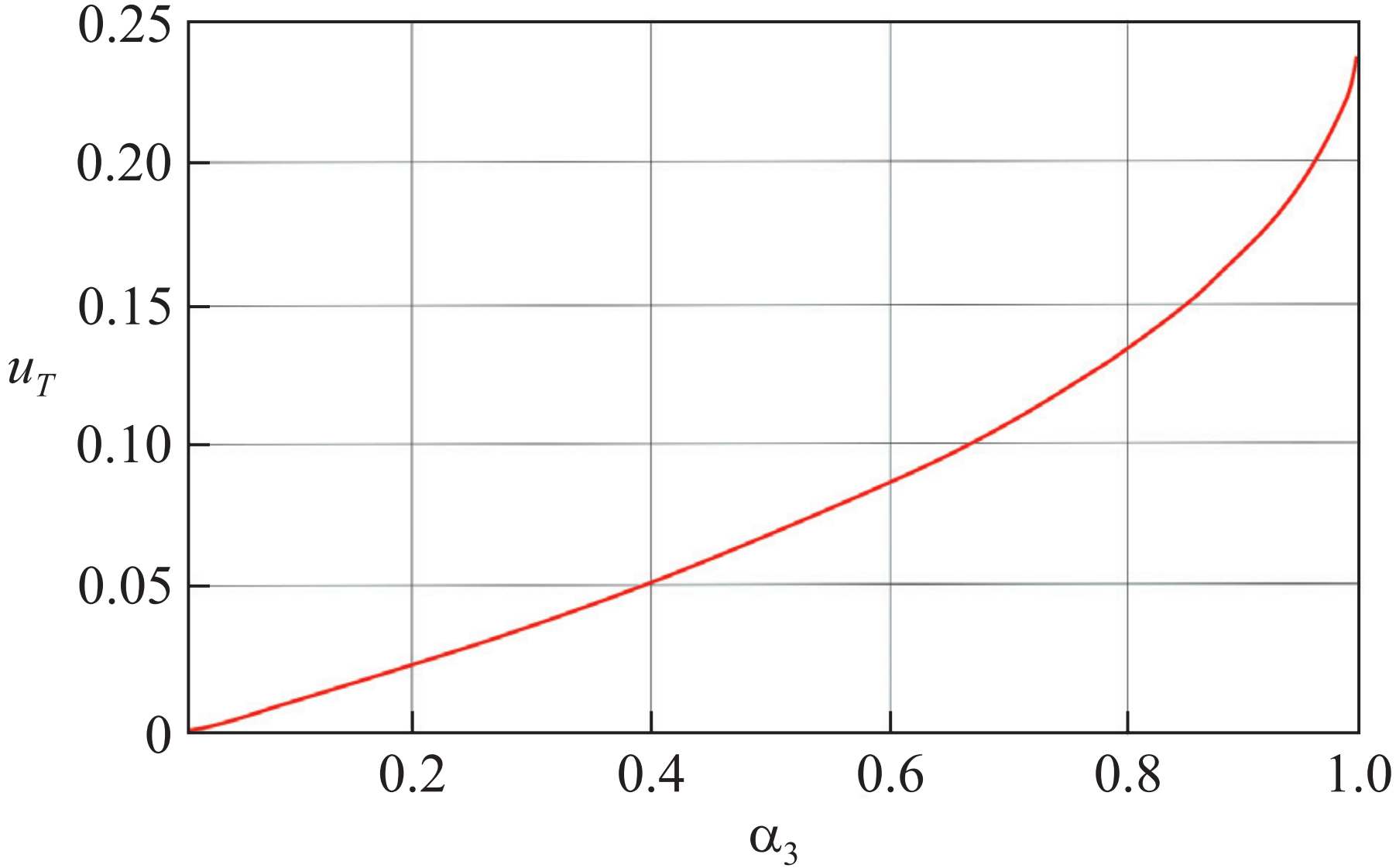


*Fig. 2.* Tip deflection $u_T$ of a freestanding micro-cantilever versus the parameter $\alpha_3$ calculated on the base of the LDL model