

SOME REMARKS ON DRY FRICTION COEFFICIENT MEASUREMENT

IRIMESCU Luminita, ALACI Stelian, CIORNEI Florina Carmen,
 PRODAN Dorel, CERLINCA Delia Aurora

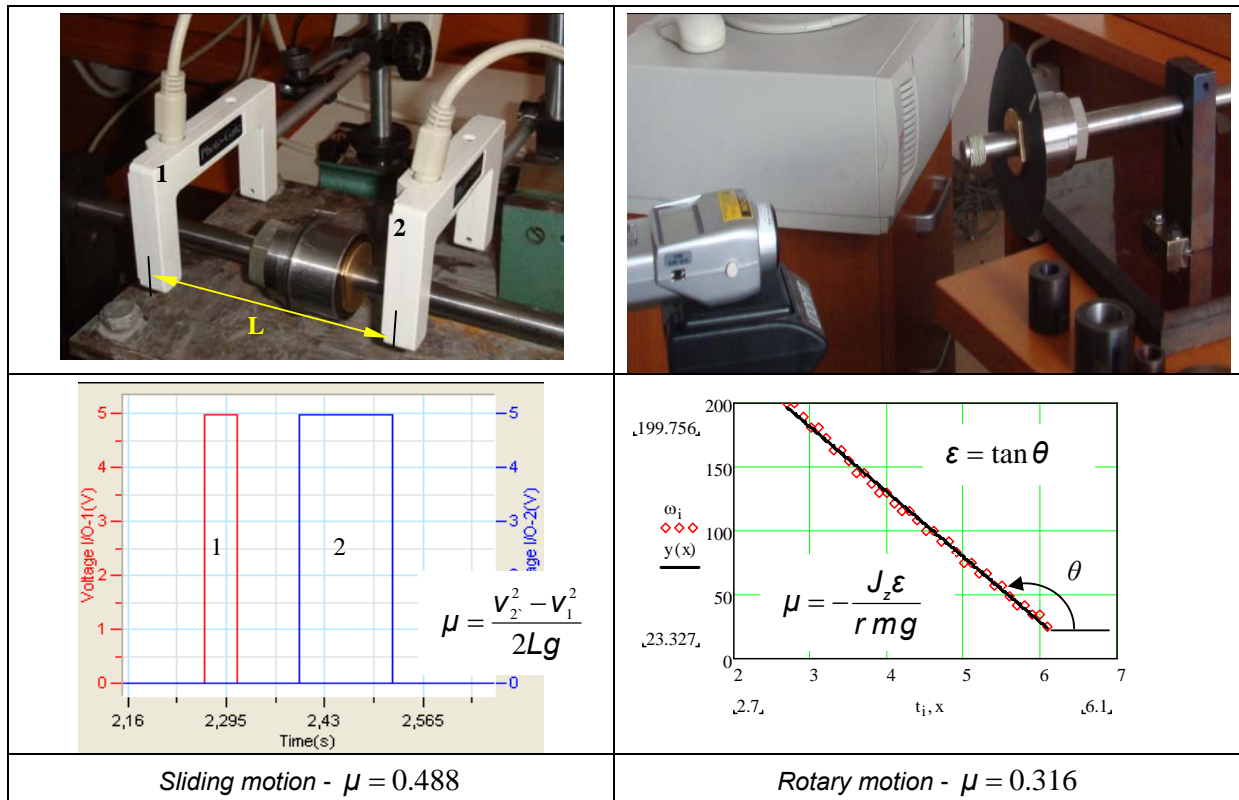
University of Suceava

lumi@fim.usv.ro

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ABSTRACT

Following dry friction laws, the friction coefficient doesn't depend on the relative velocity of the sliding bodies. The authors considered a cylindrical pair of steel-bronze bodies and obtained the friction coefficient in two cases: in sliding motion and in rotary motion. Different values were obtained and finally the angle of static friction was measured. The minimum value for the friction coefficient was obtained for the last situation and the maximum value corresponds to sliding measurement approach.



References

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