PHYS221 Exp 6 Friction Results

Results

Type friction Coefficient	Pulling method (horizontal plane)	Sliding methods (inclined plane)	% Diff
Static- μ_s	From plot of $f_s \ vs. \ \mu_s F_{normal}$	(angle of repose) $u_s = tan heta_{big}$	
Kinetic- μ_s	From plot of $f_k vs$. $\mu_k F_{normal}$	constant velocity) $u_k = tan heta_{small}$	