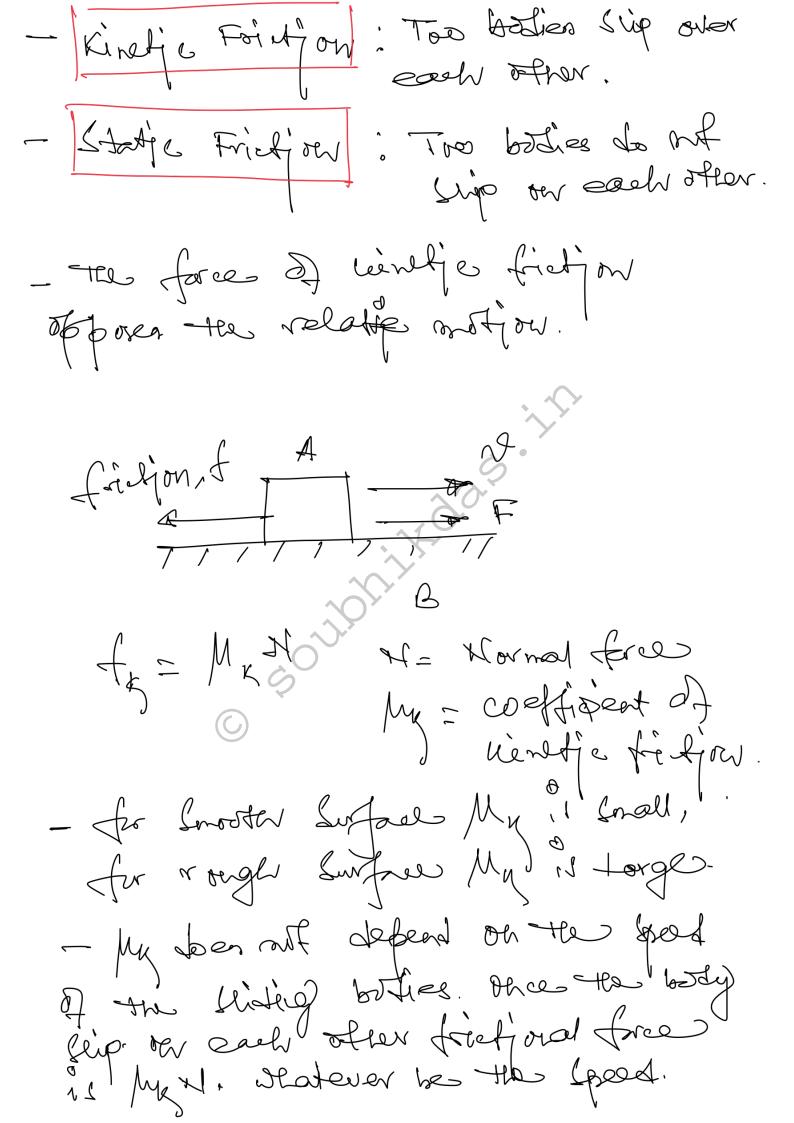
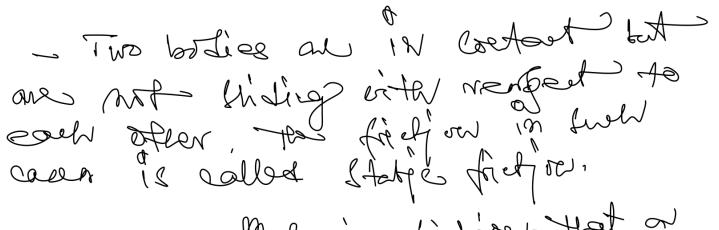
Frietjon

- alex too bolies and left in contact electomagnific forces act retweed the charged particles at the surface of the bodies. As a result, sold body exerts a contact free ou early offer. - The mayentile of context forces artig out to tero bilies out equal bet seits directions an appointe. N= Normal A F = Constant Forces forces motion a filt - > filt - fietow to may F COND = M = mg? FSind 2 f

and, F= NN<sup>L</sup>+ f<sup>L</sup> - Frictional fore exerted by fleide in called viscous fire.



- the friefford force is independent of the area of the Surface in Con-Jact.



- the may in florige friet our that a - the map starts may other body body even exerts on the other body in coatest weter it, is called cinities findion. this limiting frietpow is properti med to the armal contest force between

tes ter bries.

Jmax 2 Mg N \_ Crefficient of Startics friction. ( sepends on Material 7 rotghase of tosters



	Coeffred Confred
Imax	ben af defeed on the area of the Confaces.

- To keep the boby at relative ts & from = Men Direction & Haties Fristiger N - The Desertion of Statics firstow ou a besty is crow that the total forme and no besty on the weeks it as monthat when managed to the botty in worthart? - Fridjow offisien the velotive rooffor between the boles in Confact? - For a moment Confider nos turfrees to be frietjonley. In absence of frietjoe the bother vin Hot Suppies ogahat cash ofter. Oet thought the first first we streetjon of frietjon

and appointes to the Melveity corter respect to the bridge offinging nos frietjow. Loceors of Frietion - If the botties sing over early ther, the force of friction is given by ty = My N - My = befficient of Veneties tribjour ME Normal Coptant Parces. - the velocity of cenetic triction on a body is opposite to the relocity of this body with respect to the body oppying the force of teition. - IF the body do not stip over each often, the force of friction is given but. given by fs < MgN - Mg = beffectent of States molyow

- Talicy coefercient along the normal to the include N= mg cond MoD, JJ= MS N or MJ = fre mariner = tont if the indiration is to adjusted is that oes started, the block continues with weiform Nelseitz our the plank. Egge, Statude cless tagt NA IT be h PR For "sectient analytis,  $M_{\chi} = \frac{4\chi}{N} = -6m\theta = \frac{h}{p'}$ 

