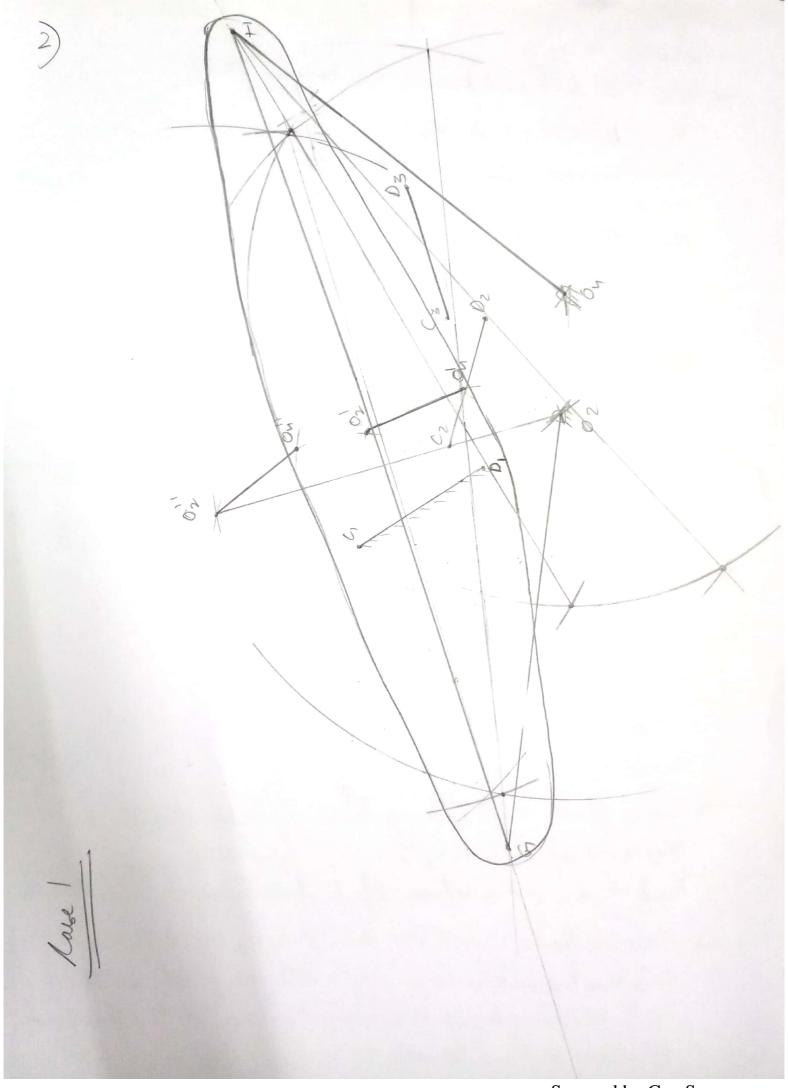
Synthesis & Analysis of Mechanisms 15110049 suignment 3 Albeginment 4 Brouduce; Broduce the diagram such that the link lengthe langue acce approximated As 0262 = 026, = 263; we dear line signents 6,62 & 6263. thereafter dense perpendicular bicitar of C, C, & C, C3 using over method. The point where both the perpendicular buckey interests will be 02 as then 026, = 0262=0263 us

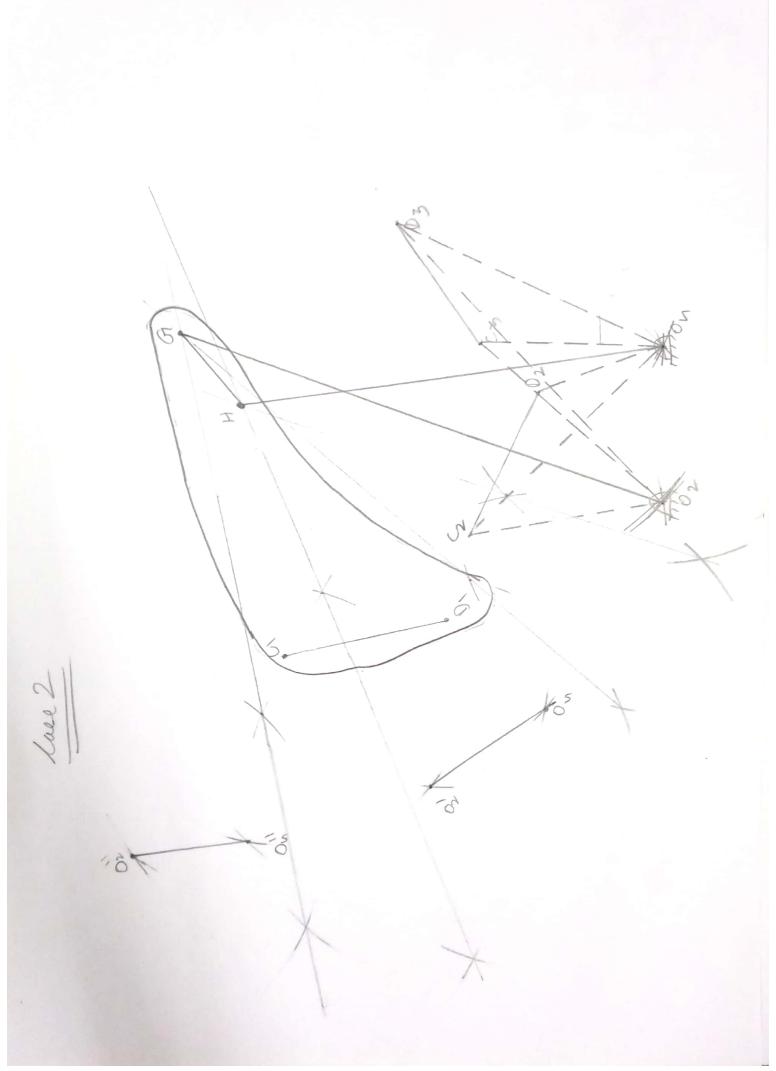
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-> Repeat the previous prisedness to find on by the interestion of perpendicular bisectors of 0,0, & 0,0. -> Hence we obtain 02 & On which are fixed pirots By joining of & Oyb we get 4 har mechanism at a particular position of CSD.



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Euc C,D, link and fece On & Oppivated joints New let 0202 = b2 & 0262 = a2 Draw an are of radius as from C, Dear an are of radius by ferom O, Mark the intersection as point of -> Similarly let 0,02 = by & OnC2 = an Duano an are ofreaders on ferom C, Dears an are of reading by from O, Mark the intersection as point of -> Repeat the above 2 steps for GD3 link ise let C302= a, & D302 = b, = intersection of a from C, & by from let (30, = a3 & D30, = b3 = intresection of az from C, & DiftemD, = On -> Nous we have 02,02's On &On We need to find on & H such that 0261 = 0261 = 0261 & Out = Out = out + > Hence find or as intersection of perpendicular bisections of 0202 & 0202 Find H as intruscition of I beservers of onan & anail > Now we have GISH too. Join GI & 02 and H& On Nonetweet a link with a, H, C, &D, as points on the link Hence we have to leave mechanism for the desired facilians & fixed pirats



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- 3) brosedwee:
 - -> Dreaw the frame
 - -> Duaro the extreme positions of excheración
 - -> Jain C, C2. Derawa I bisector of C, C2
 - -> Measure (Cz/CC) =8
- -> Scotland GG in horizontal direction
- -> Now at a same distance from eight beg of frame march O2
- -> Deraro a wicle of readers (500 = 8 with 02 as center as in one full notation of wants; workers should translate 28 in horizontal direction
- Now join D, & C, with a link #2
- Toin O2 & On to get link #4

