













- 20007 + T(0)(15) 1 Fx = TSIN(25) Z F, = 0 F, -1400 - 5000 + T cos(25) = 0 6400 - TCOS(25.) For rotational form of 2nd law about axis shown: 2 (1400) Sh (90-25) 

let (CCV) be "+" +3T-20391,93-2537.66=0 7=7643.2 newtrs in them I and I we have : Fort = Tsm(25) = + (6400 - Tcos/25)) = 3230 2 - 527.17 1300 for the truck two ways to consider this free body diagram If we use N and I then both of.
There forces show up on a free body
diagram for the bridge (in directions apposite
those shown here). If we use French, they it shows up an diagram of bridge (in the direction appointe what is shown here! The ceiand law applied to this diagram for the truck gives us I France! I The truck gives EITHER WAY #'s for The bridge will work J' (05-05) 20 - = 7 + Tsin (70-30)

