

SNS COLLEGE OF TECHNOLOGY

(An Autonomous Institution)

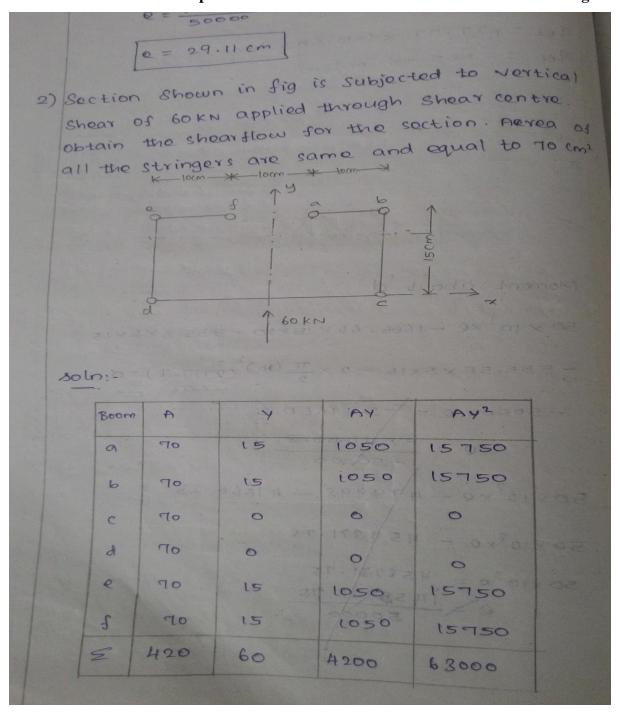


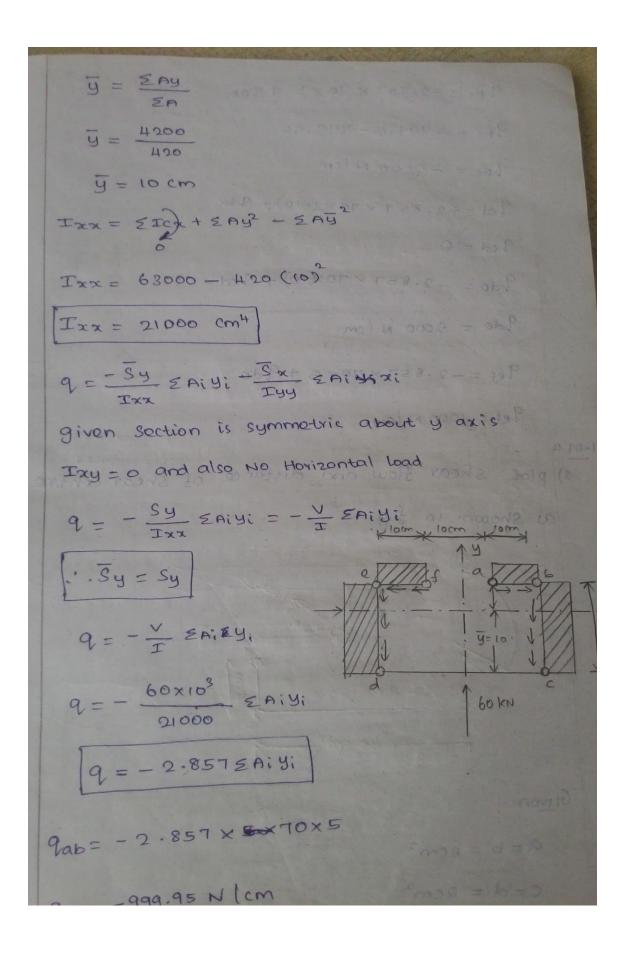
DEPARTMENT OF AEROSPACE ENGINEERING

Subject Code & Name: 19AST203 Aircraft Structural Mechanics

UNIT: SHEAR FLOW IN OPEN SECTIONS

TOPIC: 8. Shear flow in open sections with wall effective and ineffective in bending





 $9bc = -9.857 \times 70 \times 5 + 9ab$ 9bc = -999.95 - 999.95 9bc = -2000 N lcm $9cd = -2.857 \times 70 \times (-10) + 9bc$ 9cd = 0 $9do = -9.857 \times 70 \times (10) + 9cd$ 9de = 9000 N lcm $9ef = -2.857 \times 70 \times 5 + 9de$ $9ef = -2.857 \times 70 \times 5 + 9de$