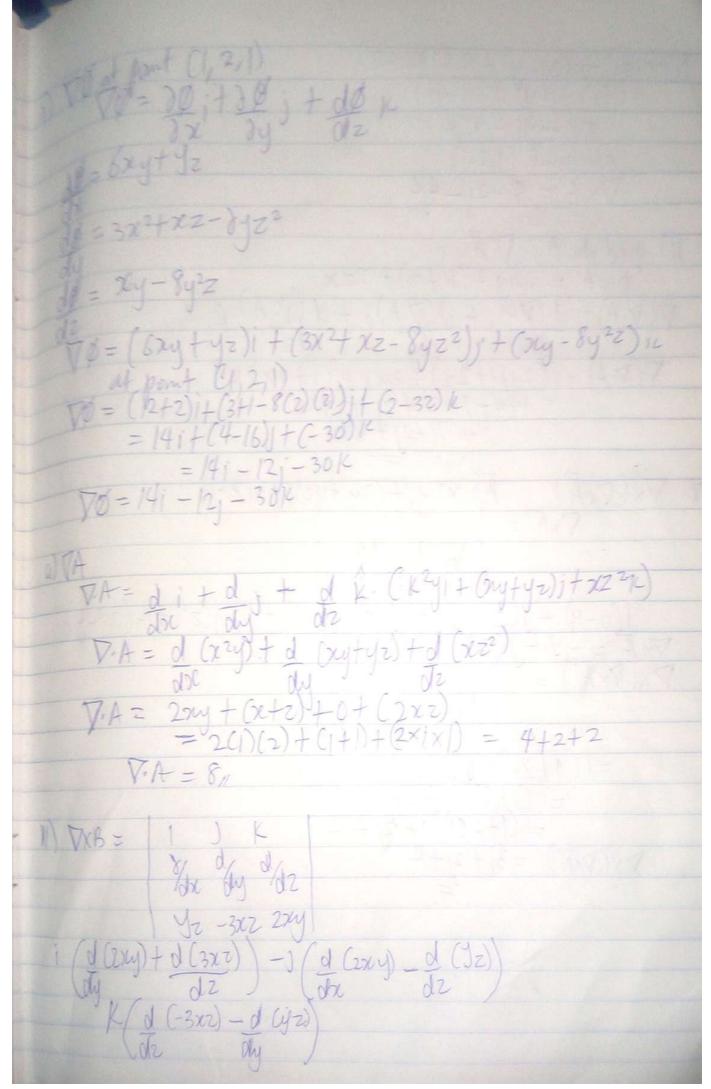
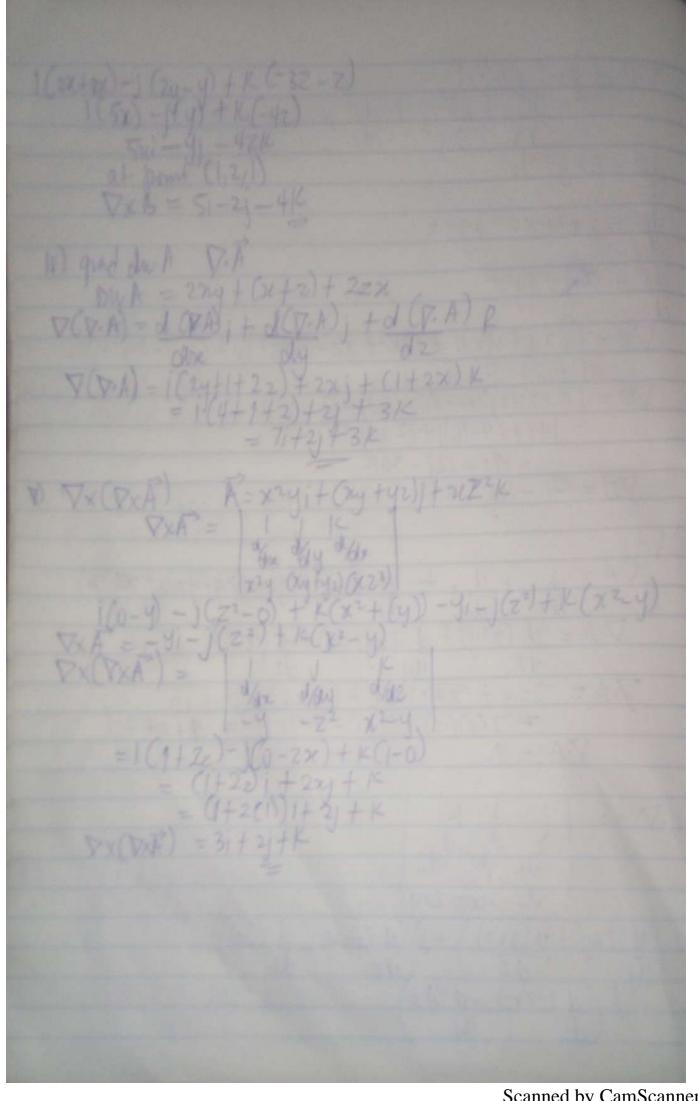
MNOSU [KEDINACHI. U.
16/ENGOGÍO 43
MECHANICAL





Scanned by CamScanner

Solution 1) Mathematical modelling is the art of translating publishes from an application and moto translation mathematical formulations whose theintical and filmental analysis provides justiful, answers, and guidance useful for the originating application Data chamital engineering: chemital equillain dr = (t2+3t)1-25m3tj+3e2t/L dr = (2t+3)i-66083tj+6e2t/L 2) der at to 21+18 Sm (3×6)j+13e260)K $\frac{d^2r}{dt^2} = \sqrt{\frac{4+144}{4}} = \sqrt{\frac{134}{4}} = 2\sqrt{\frac{37}{37}}$ = 12.16556 A = X241 + (xy+yz) + x(Z2K B= yz1-3xz) + 2xyk Ø= 3x24+xyz-44222-3