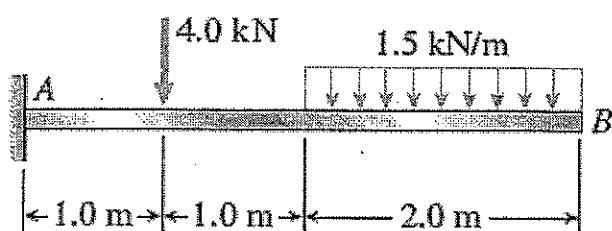


所別：機電工程研究所 組別：精密機械組 科目：材料力學

注意：不准 一般計算器 工程用計算器，考試時間總計：100 分鐘。試題共 2 頁第 2 頁

3. (20 Marks)

Calculate the shear force V and bending moment M at a cross section located 0.5 m from the fixed support of the cantilever beam AB shown in the figure.



4. (30 Marks)

Determine the maximum tensile stress and maximum compressive stress due to the load P acting on the simple beam AB.

