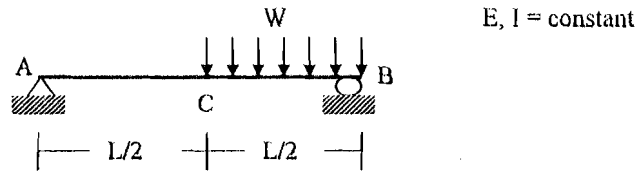


系別：土木工程學系

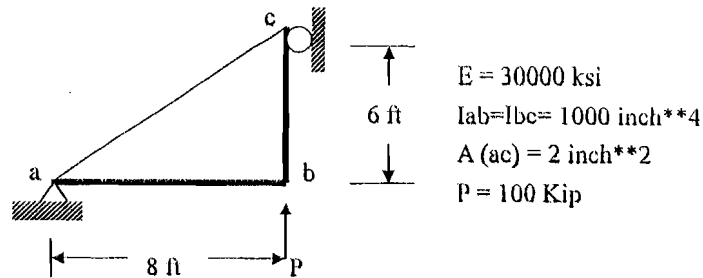
科目：結 構 學

准帶項目請打「V」	
V	簡單型計算機
本試題共 5/7 頁	

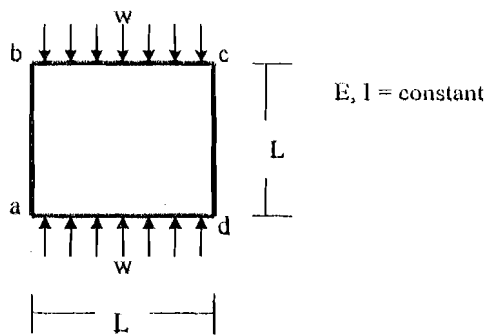
- [1] Use the conjugate beam method to determine the deflection at joint -c for the structure and loadings shown below. (20%)



- [2] Calculate element forces for the structure shown below by using matrix displacement method. (40%)



- [3] Use the moment distribution method to determine the end moments for the frame and loading condition indicated in problem. (20%)



- [4] Analyze the given frame structure by the slope deflection method and construct the moment diagram for all members. (20%)

