

Fig. 2



3. (1) Find the influence lines for (a) the moment at E, (b) the reaction at B, and (c) the shear just at the right side of support B in the beam shown in Fig. 3. (15%)
(2) If the live load is a uniformly distributed load of 10kN/m find the maximum positive and

(2) If the live load is a uniformly distributed load of 10kN/m, find the maximum positive and negative moments at E. (10%)







