

Figure 6 Normalized bending stiffness vs. fatigue life curves under the stress level of 0.75. (A) At the mid-span; (B) Near the support.

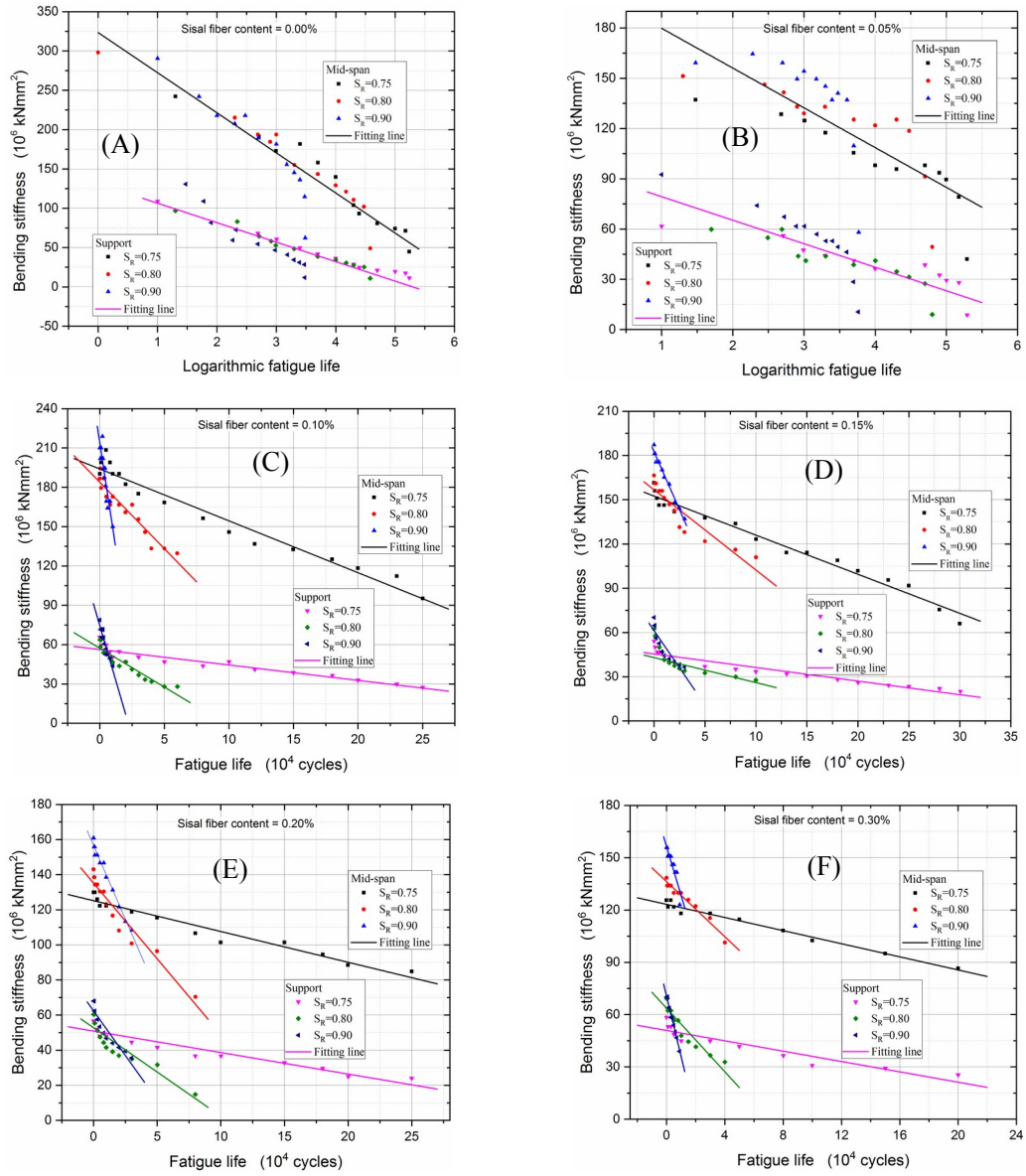


Figure 7 Linear regression of relationships between bending stiffness and fatigue life of foam concrete .  
 (A)  $V_f=0.00\%$ ; (B)  $V_f=0.05\%$ ; (C)  $V_f=0.10\%$ ; (D)  $V_f=0.15\%$ ; (E)  $V_f=0.20\%$ ; (F)  $V_f=0.30\%$ .

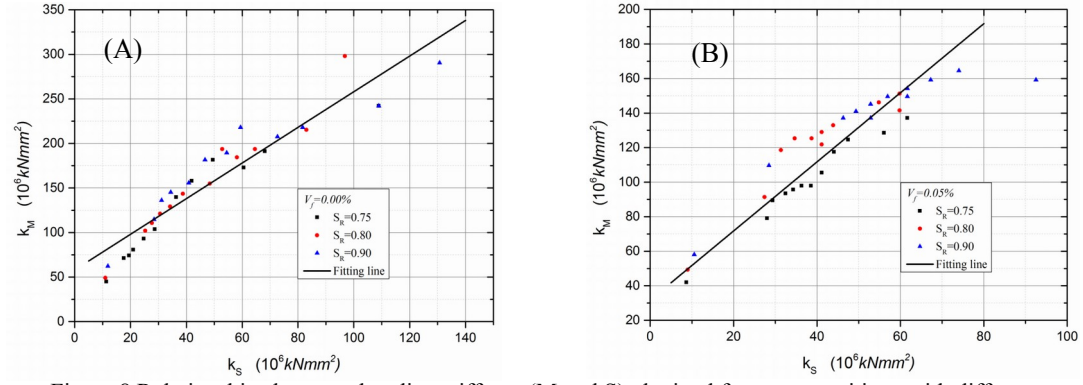


Figure 8 Relationships between bending stiffness (M and S) obtained from two positions with different fibre volume fraction (A)  $V_f = 0.00\%$  and (B)  $V_f = 0.05\%$ .

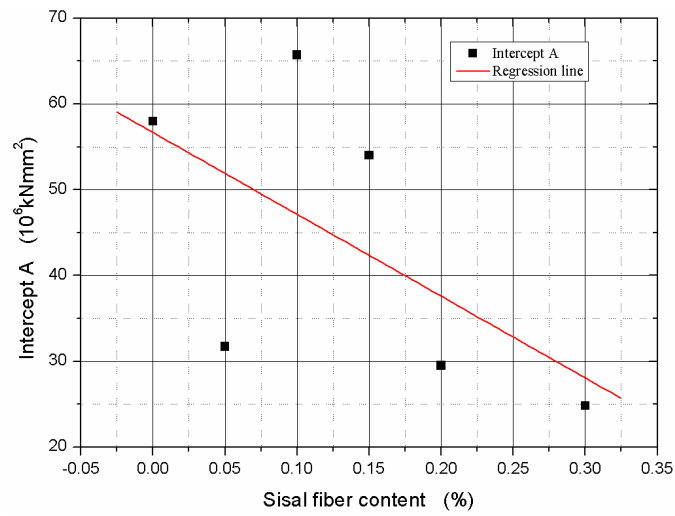


Figure 9 Regression line between the parameter A and the sisal fiber content.