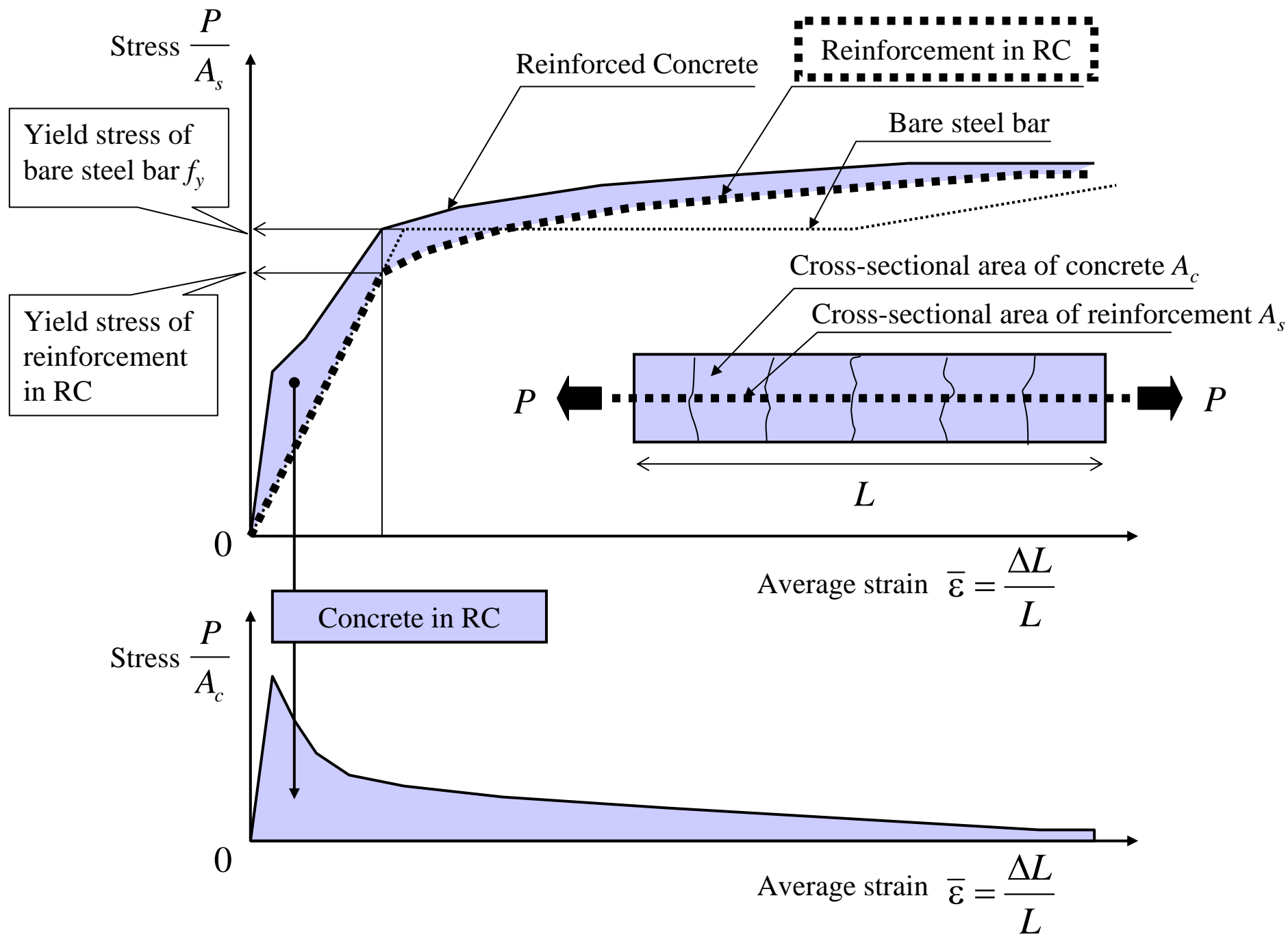
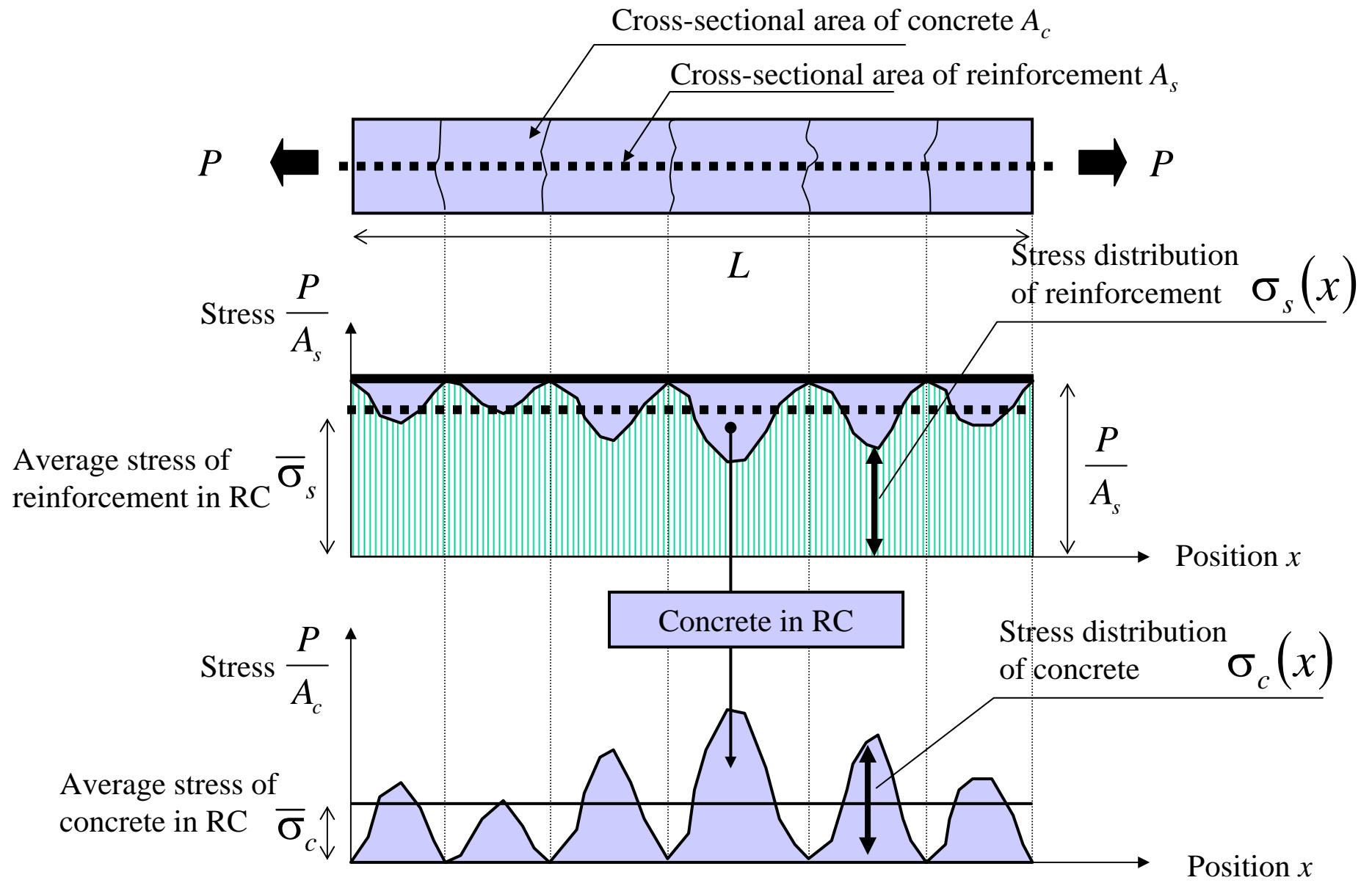


Tension stiffness of RC

Advanced Concrete Engineering





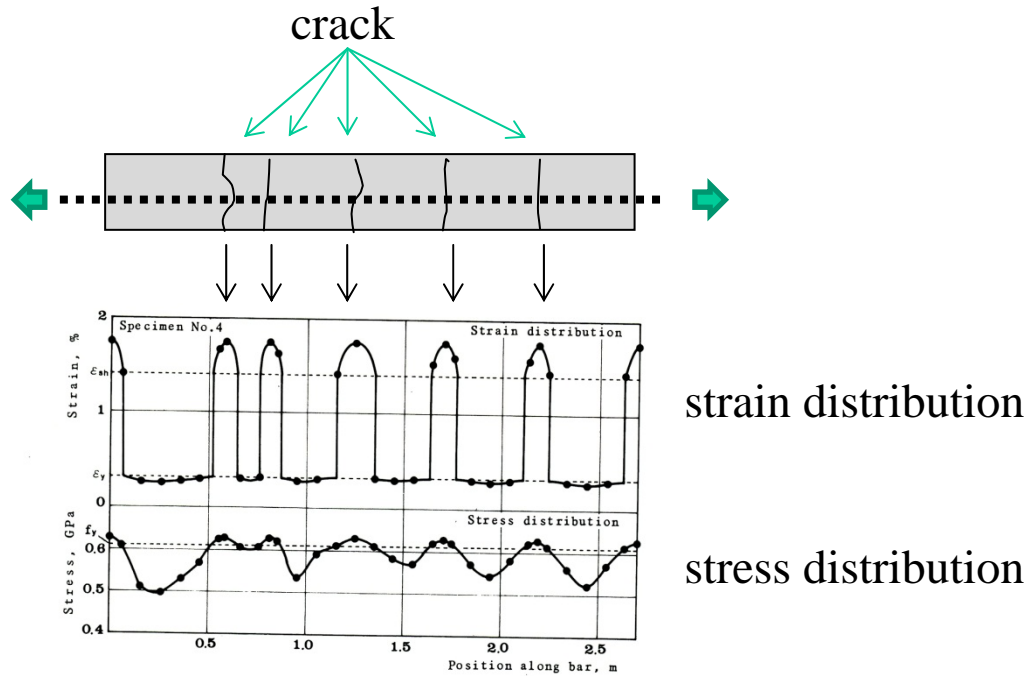
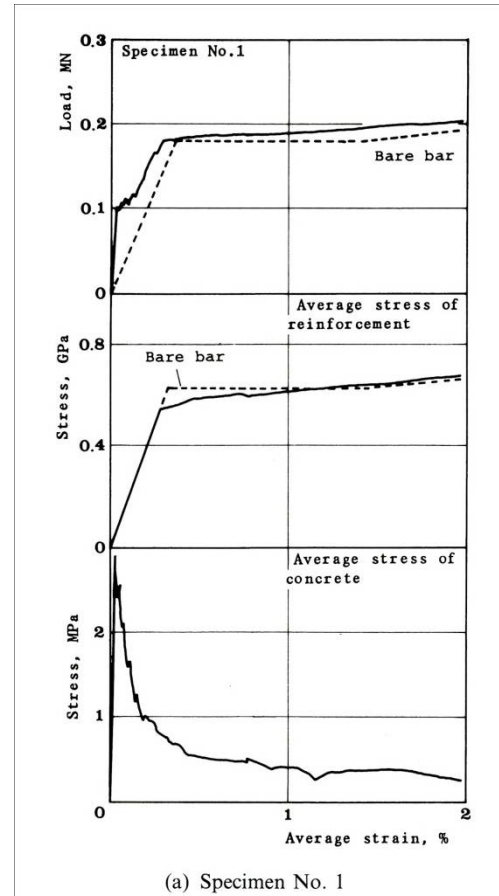
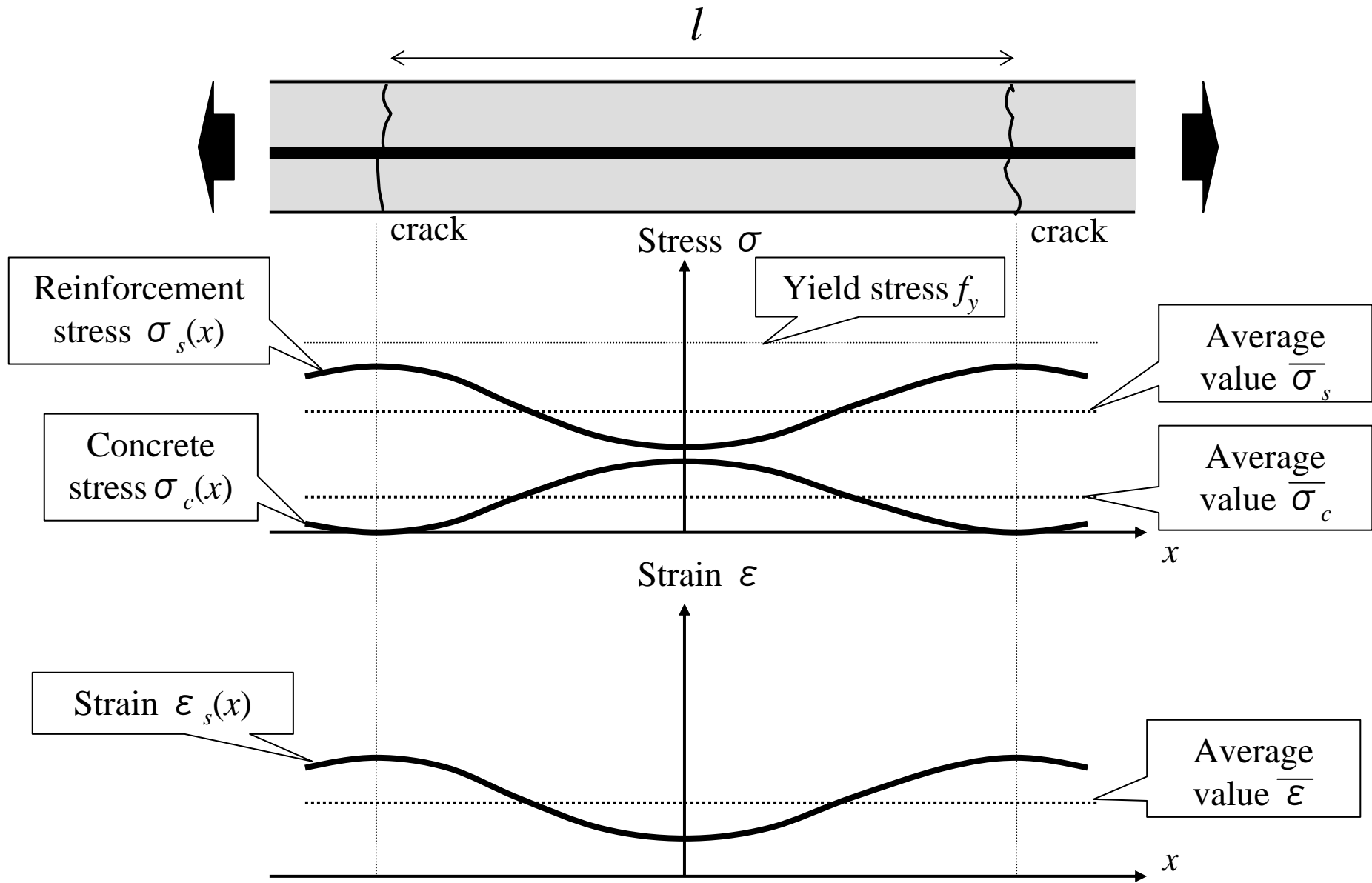


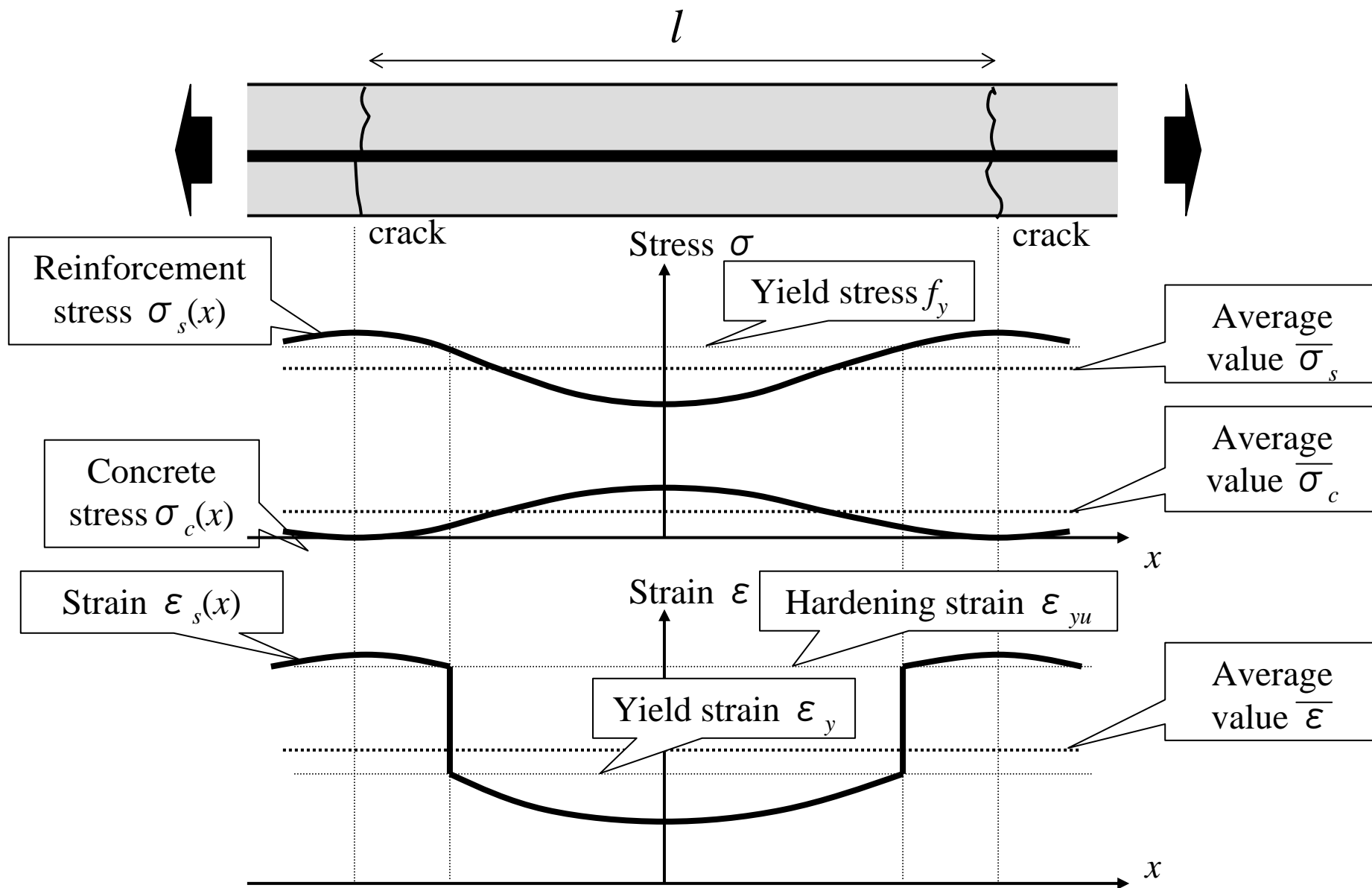
Fig. 5.5. Distributions of strain and stress in post-yield range of Specimen No. 4.



(a) Specimen No. 1



Before yielding



After yielding

Constitutive model for reinforcement in RC

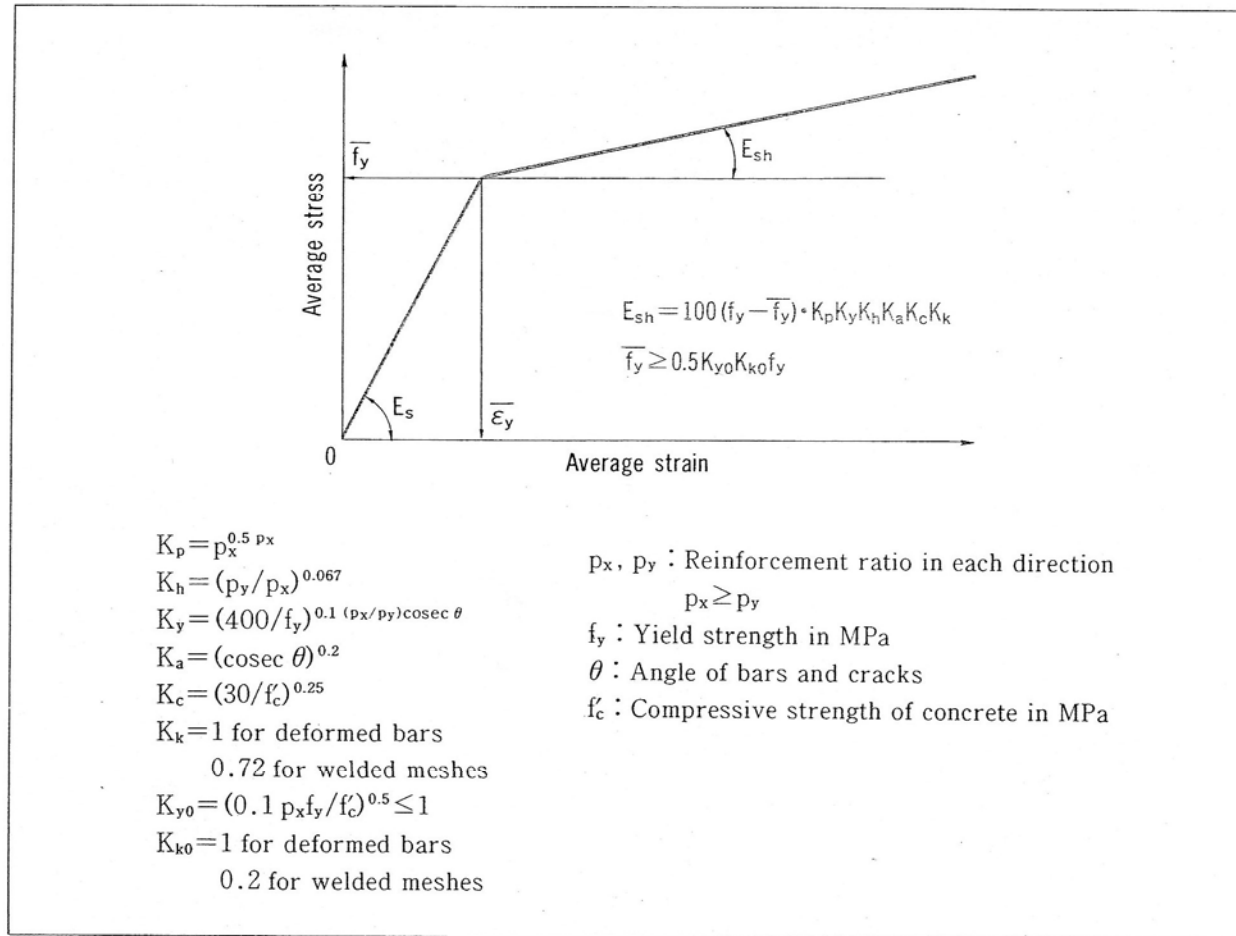


Fig.2.4h Steel reinforcement model in cracked concrete for envelope

Constitutive model for concrete in tension in RC (Tension-stiffening model for concrete)

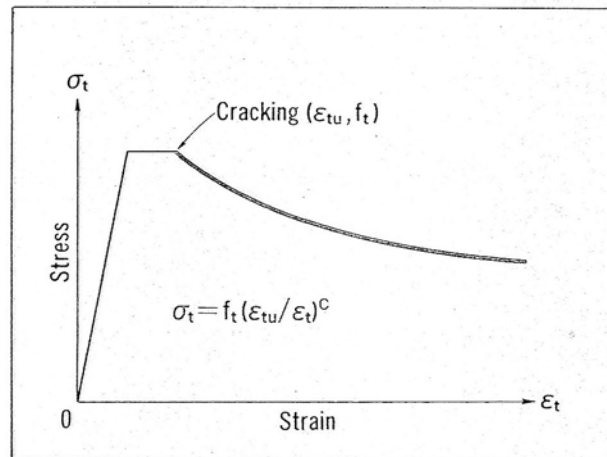


Fig. 2.3c Tension stiffening model for envelope

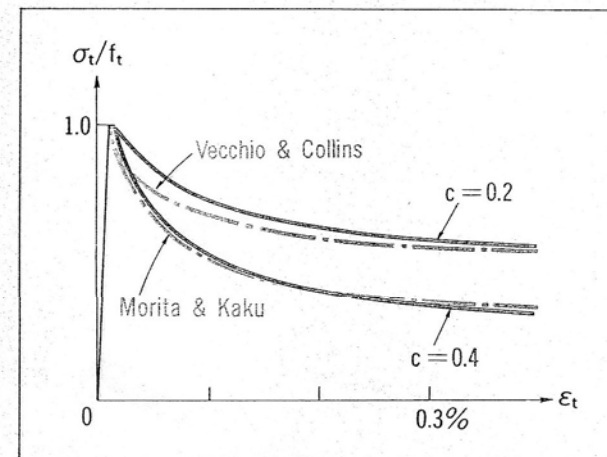


Fig. 2.3d Tension stiffening model for deformed bars ($c = 0.4$) and for welded meshes ($c = 0.2$)