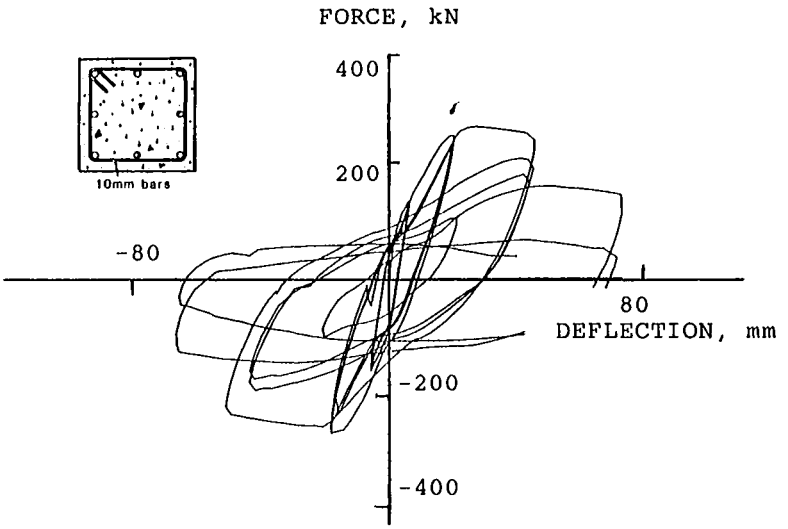
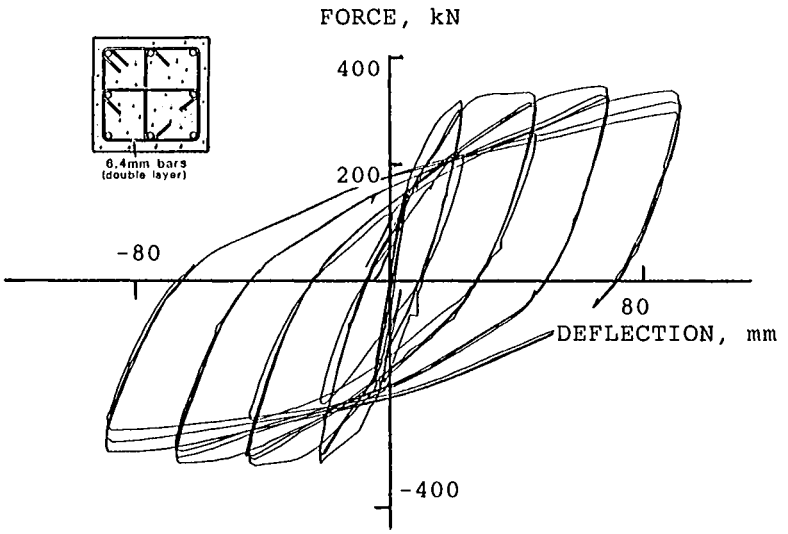


a) Poorly confined column



b) Well confined column

Fig. 11--Effect of column confinement on hysteretic response (58)

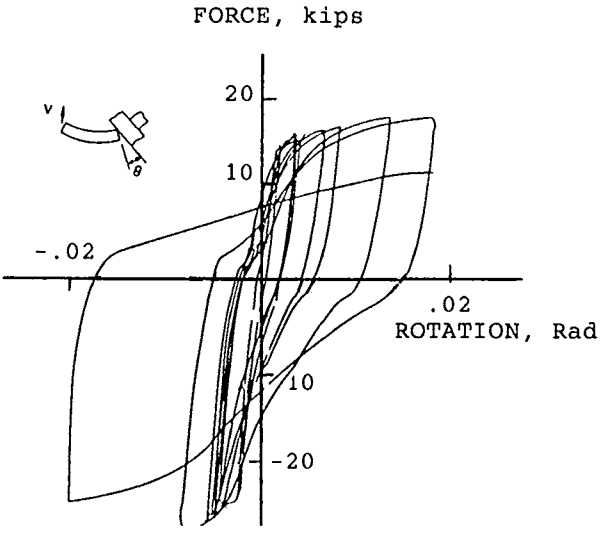


Fig. 12--Load-slip rotation relationship of a specimen with good bond performance (16)

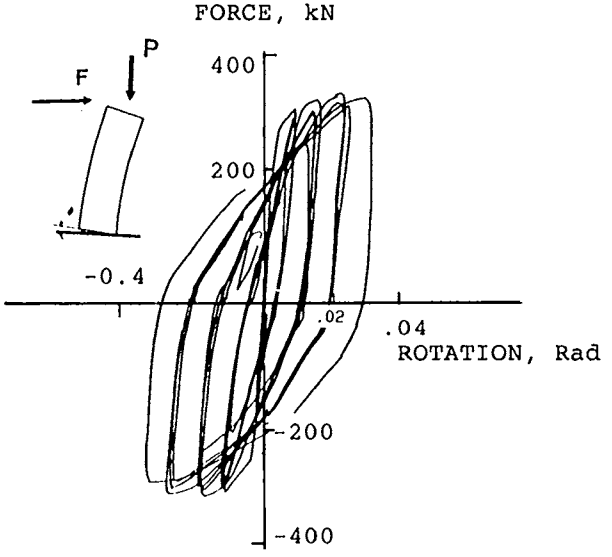


Fig. 13--Moment-slip rotation relationship of a column under axial compression (17)

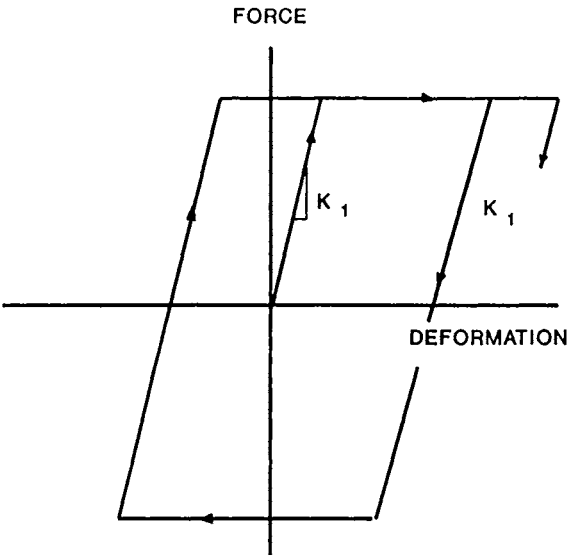


Fig. 14--Elasto-plastic model

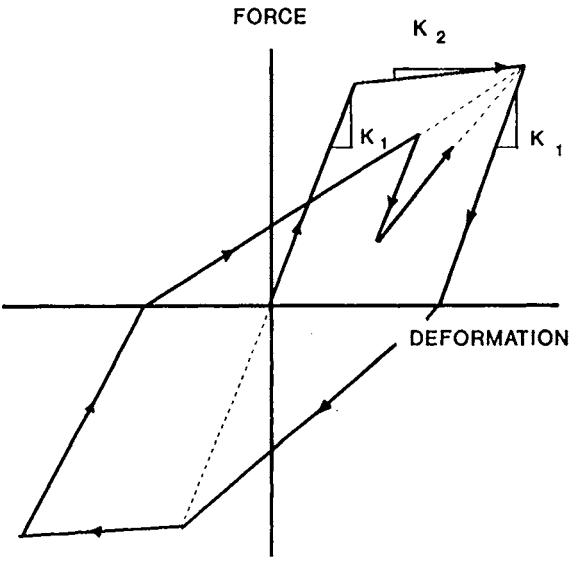


Fig. 15--Stiffness degrading model by Clough (22)

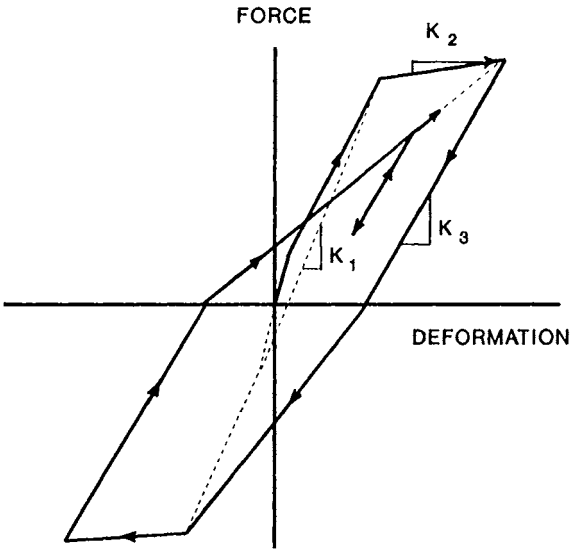


Fig. 16--Stiffness degrading model by Takeda et al (23)

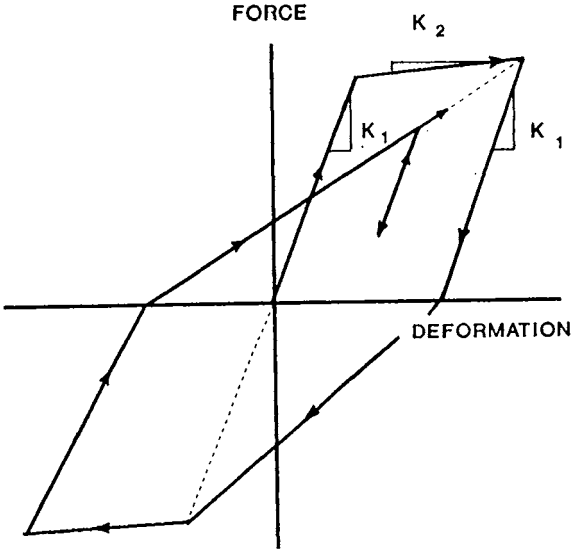


Fig. 17--Stiffness degrading model by Riddell and Newmark (27)

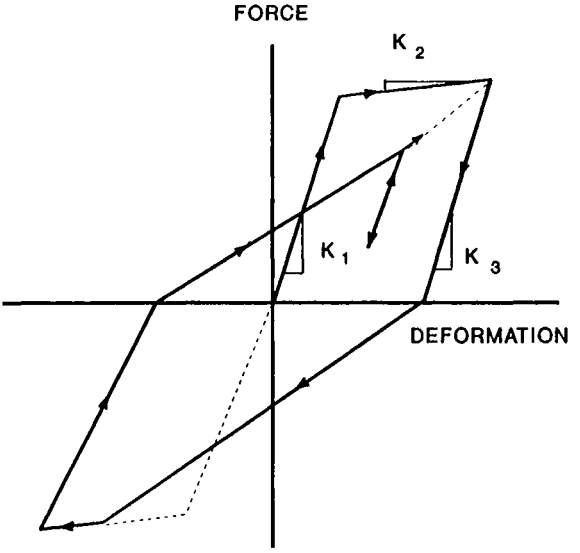


Fig. 18--Q-Hyst model by Saiidi and Sozen (28)

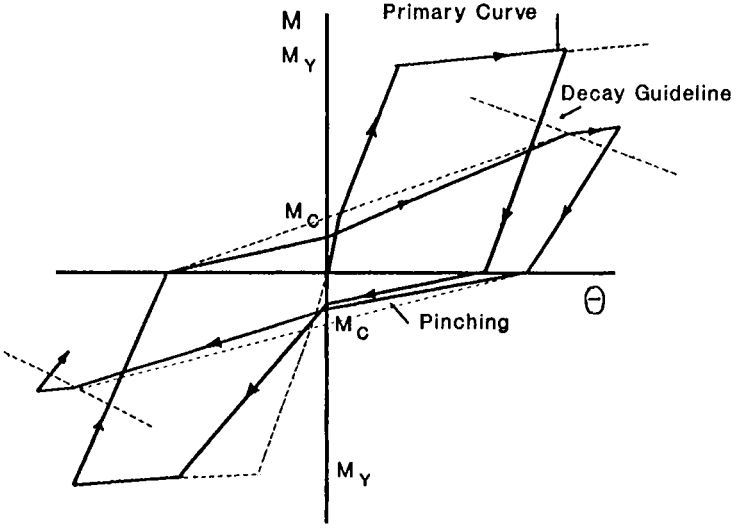


Fig. 19--Hysteretic model with pinching and strength decay by Takayanagi and Schnobrich (12)

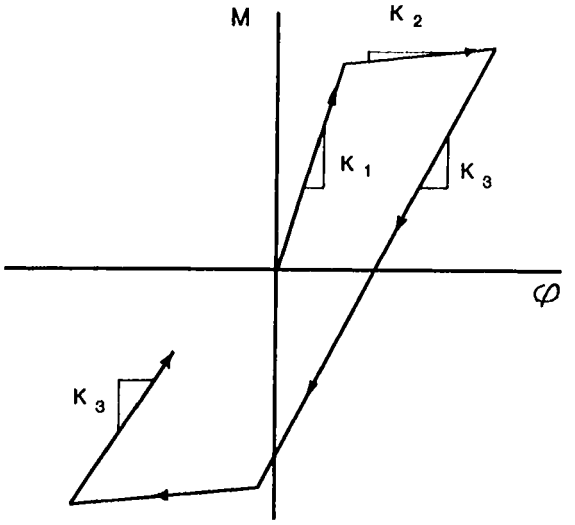


Fig. 20--Stiffness degrading model by Imbeault and Nielsen (37)

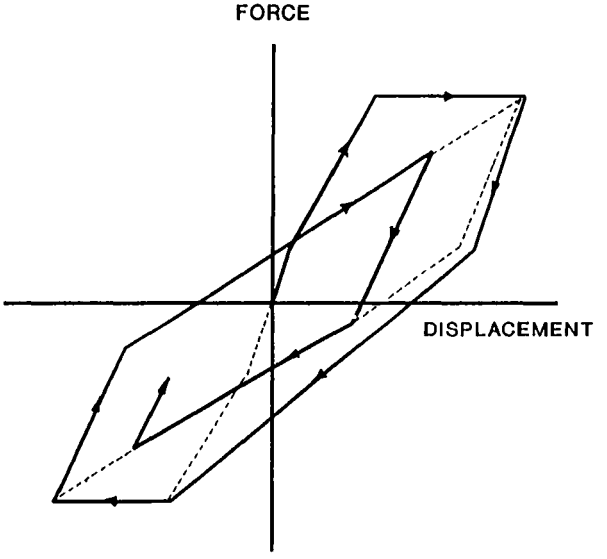


Fig. 21--Degrading trilinear model by Fukuda (30)

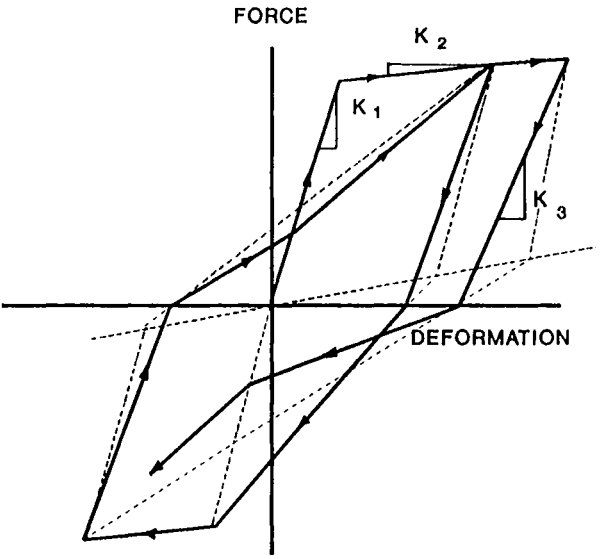


Fig. 22--Hysteretic model by Roufaiel and Meyer (34)

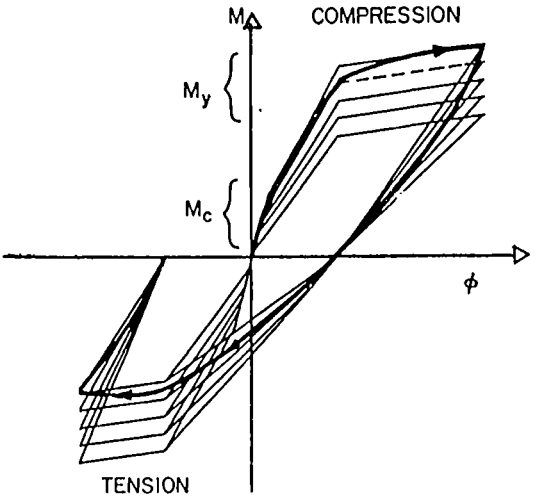


Fig. 23--Axial force-moment interaction model by Takayanagi and Schnobrich (12)

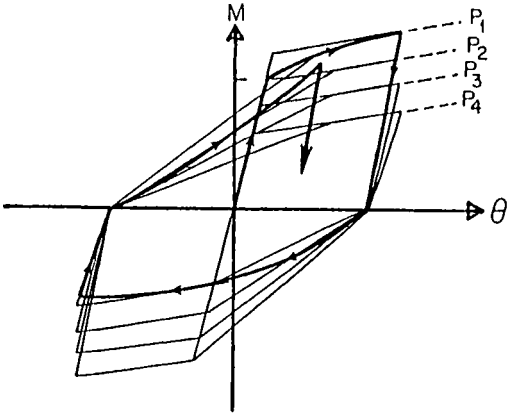


Fig. 24--Axial force-moment interaction model by Saatcioglu et al (8)

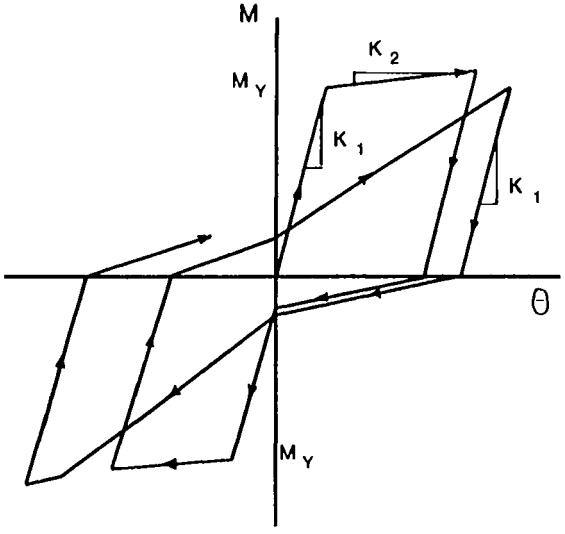


Fig. 25--Hysteretic model by Banon et al (38)

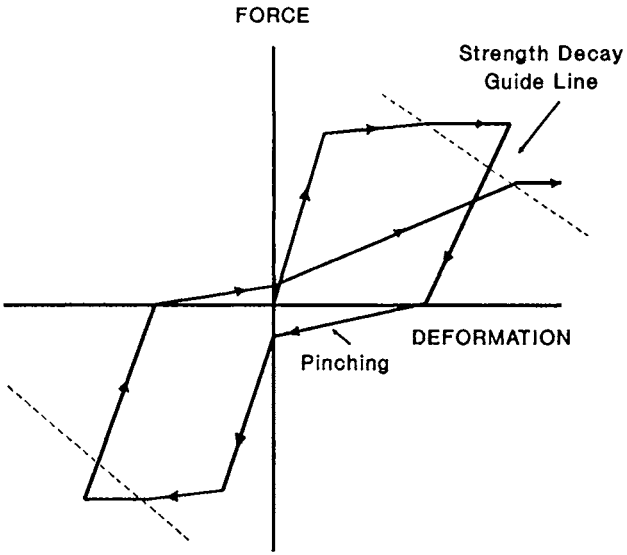


Fig. 26--Hysteretic shear model by Takayanagi et al (39)

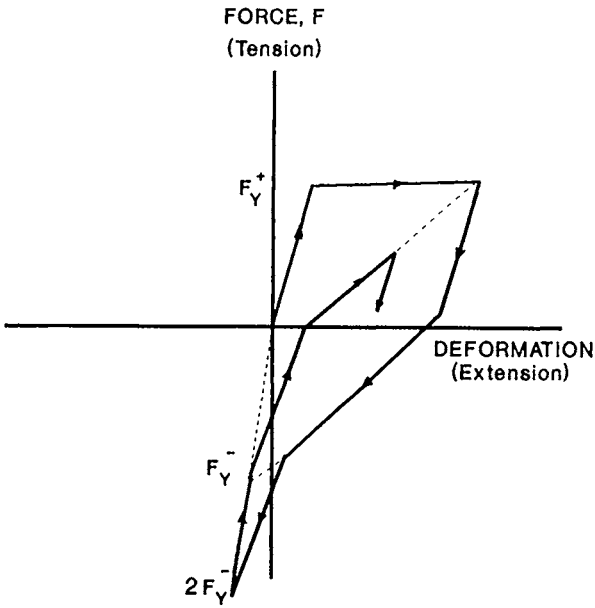


Fig. 27--Axial stiffness model by Kabeyasawa et al (40)

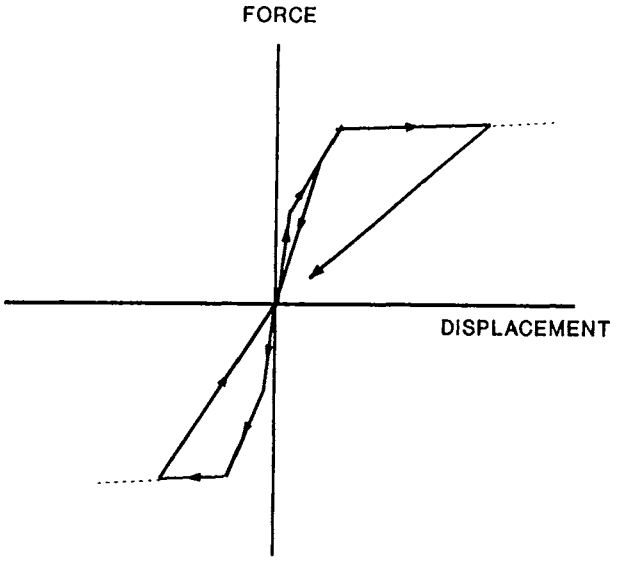


Fig. 28--Origin oriented hysteretic model by Kabeyasawa et al (40)

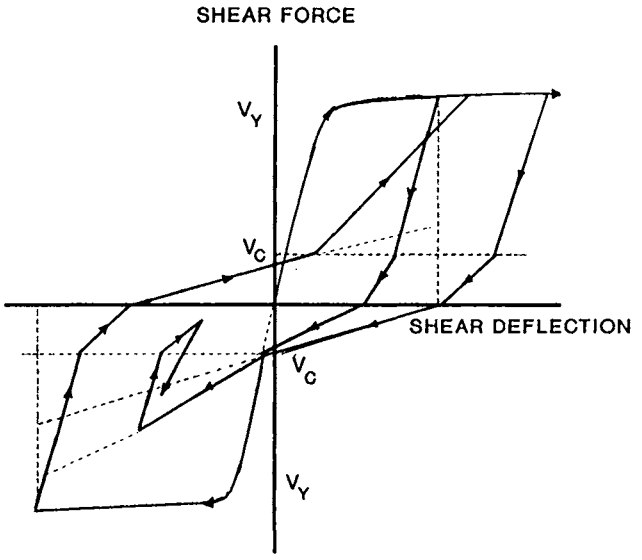


Fig. 29--Hysteretic shear model by Ozcebe and Saatcioglu (15)