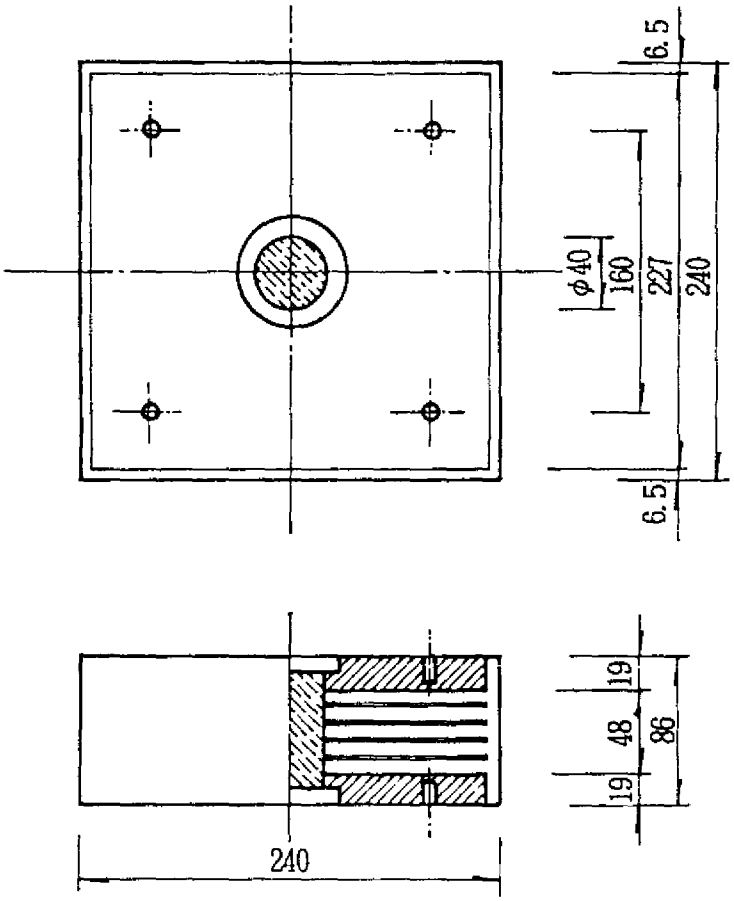


Rubber Layer 8.0mm × 5=40.0mm
Steel Plate 2.0mm × 4= 8.0mm
Fig. 7 Test Specimen of LRB

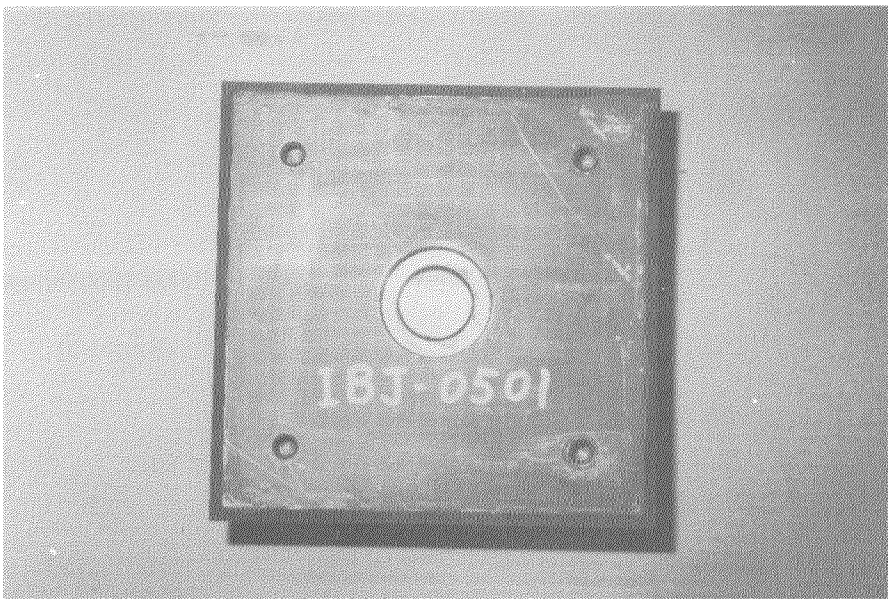
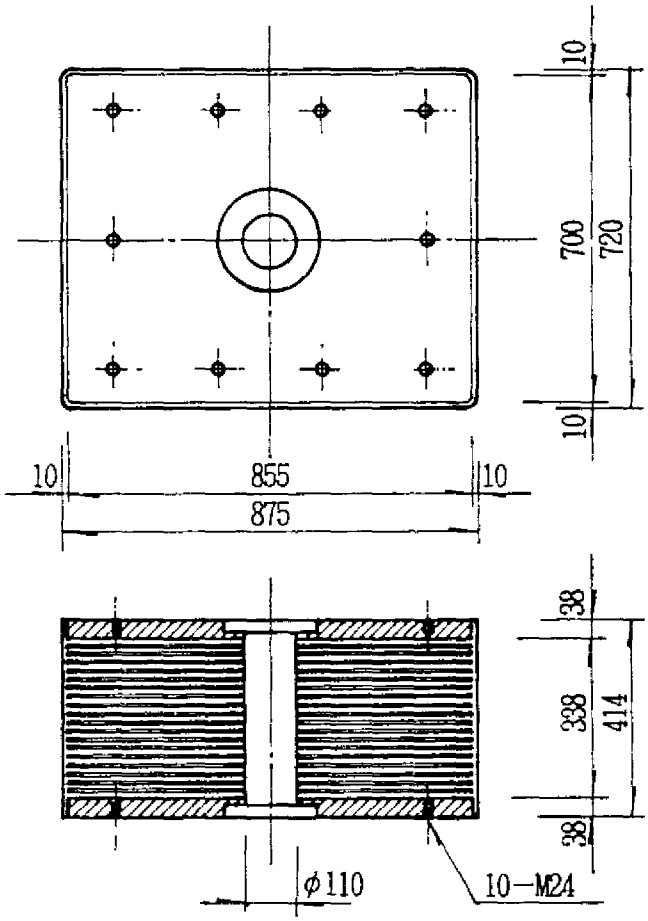


Photo 2 Test Specimen of LRB



Rubber Layer 13.8mm ×19=262.2mm

Steel Plate 4.2mm ×18= 75.6mm

Fig. 8 Test Specimen of HDR-B

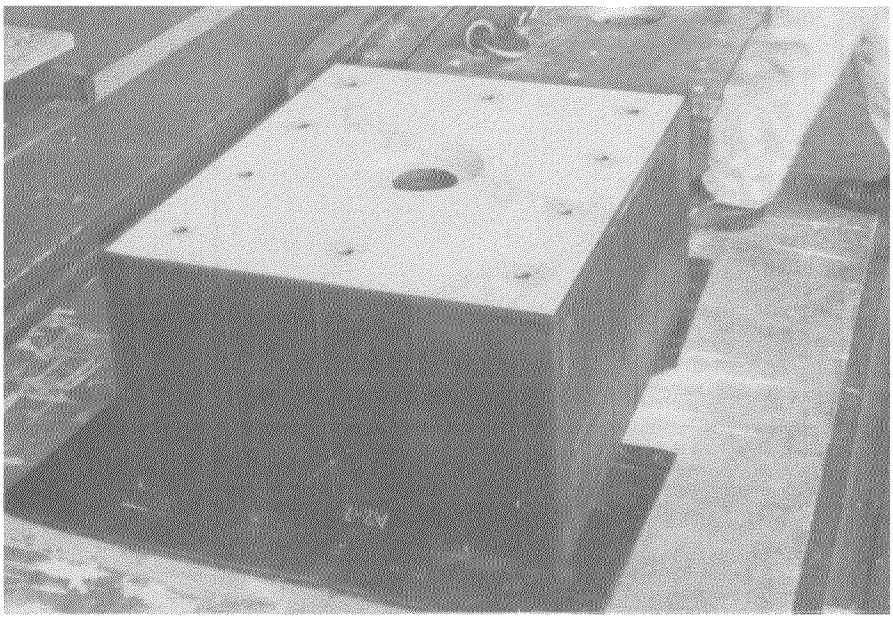


Photo 3 Test Specimen of HDR-B

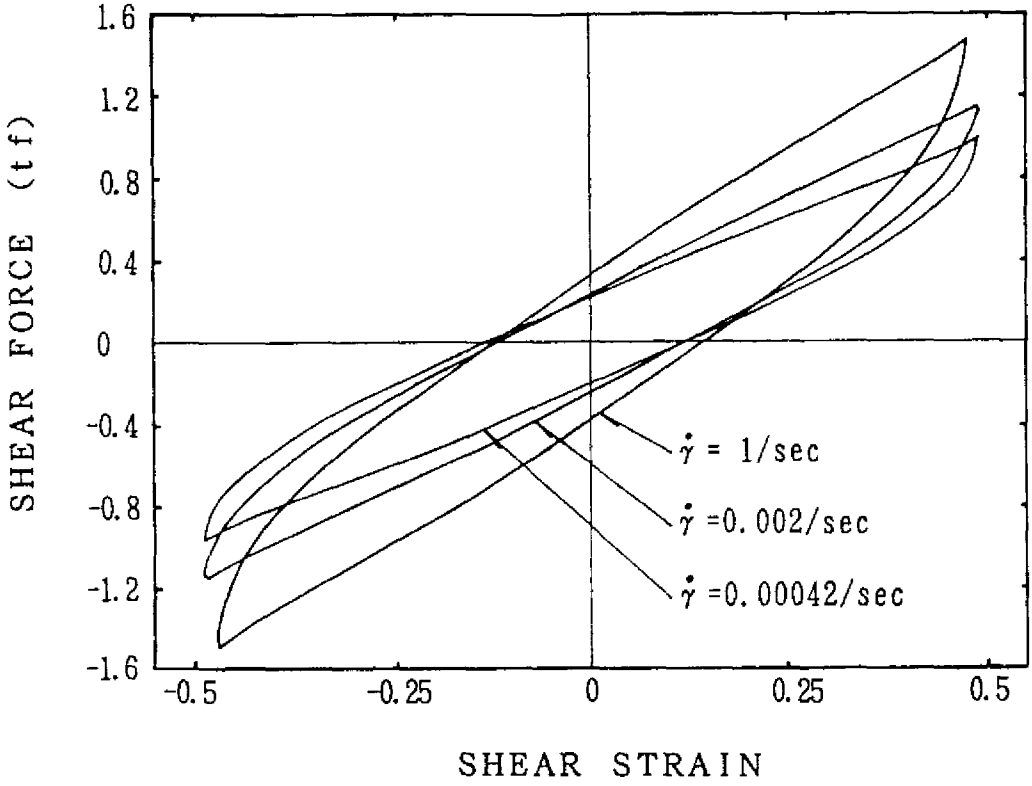


Fig. 9 Hysteresis Loops of HDR-A Subjected to a Harmonic Excitation with Displacement Amplitude of 50% Shear Strain of Rubber

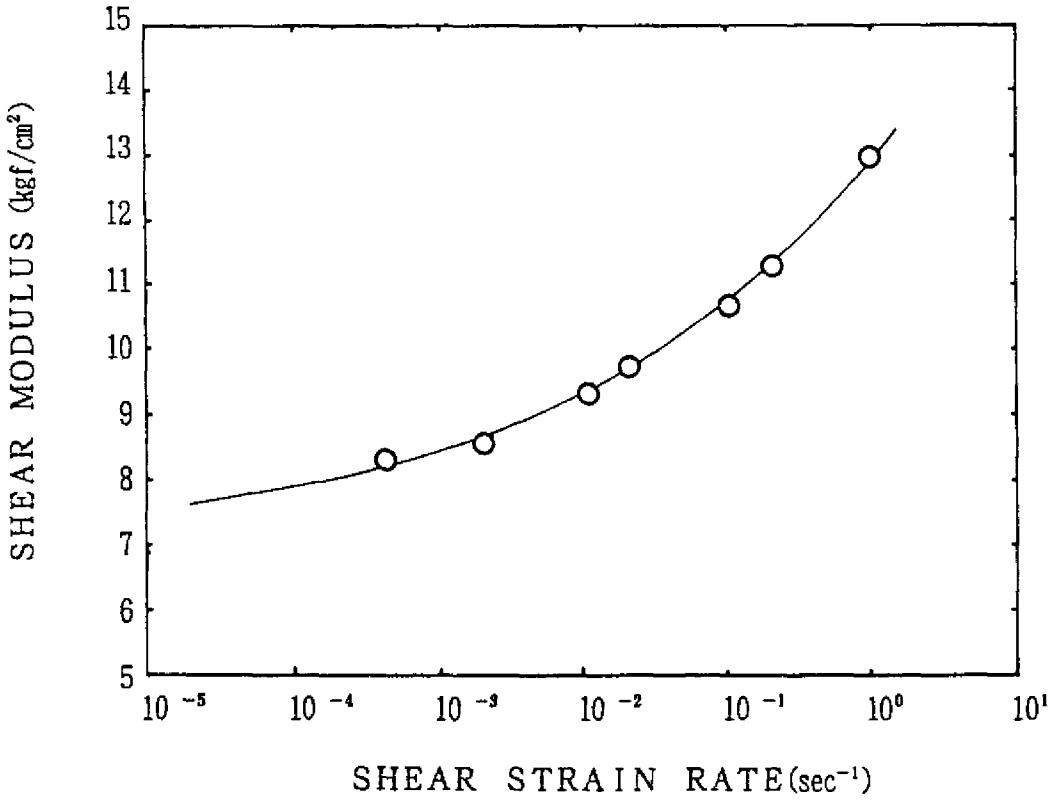
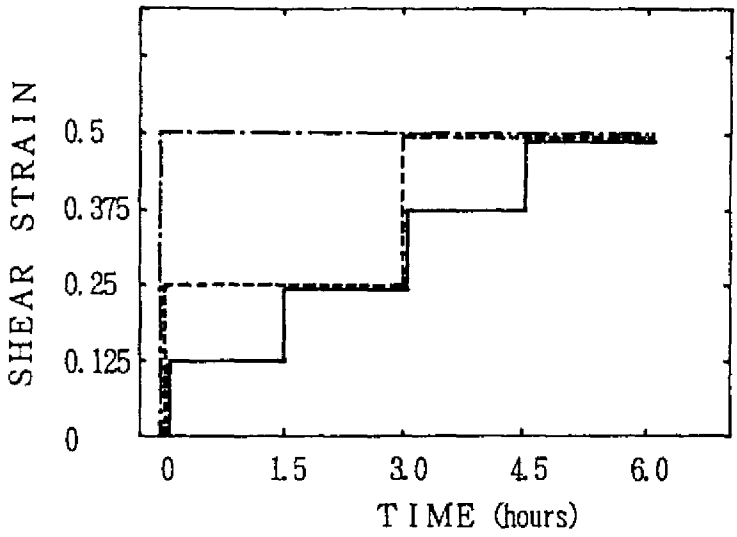
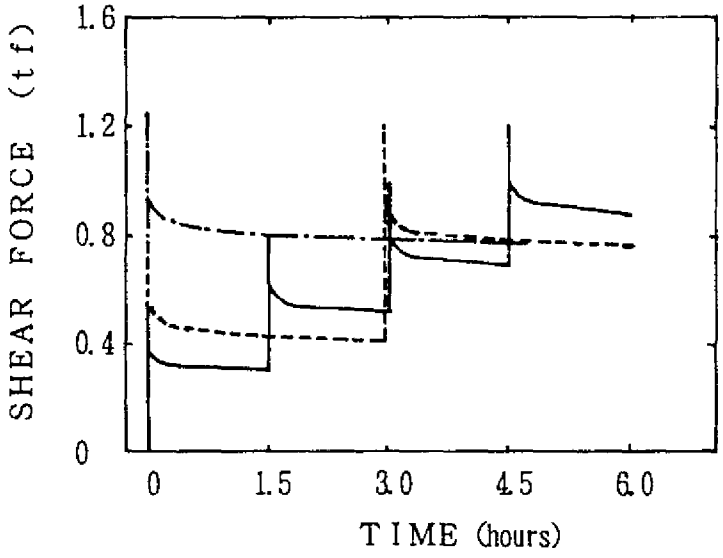


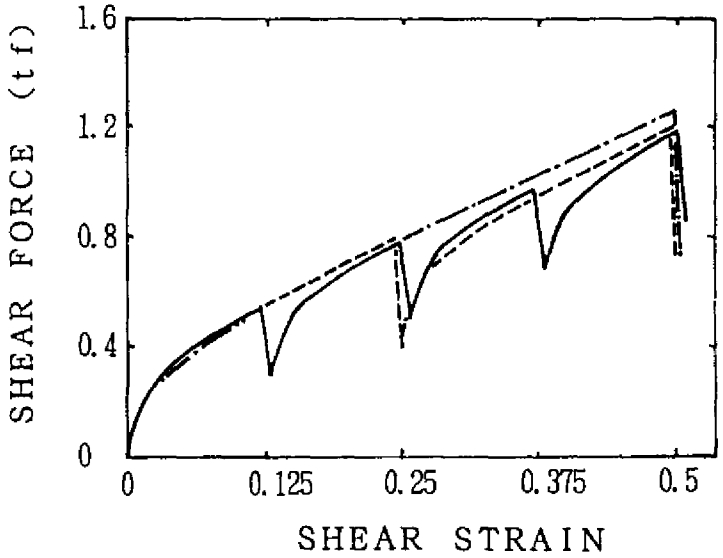
Fig. 10 Shear Strain Dependence of Shear Modulus of HDR-A Evaluated by Extrapolation Method



(a) Shear Strain Applied to Specimen



(b) Shear Stress Hysteresis



(c) Shear Strain Rate Dependence of Shear Strain

Fig. 11 Relaxation Method for HDR-A

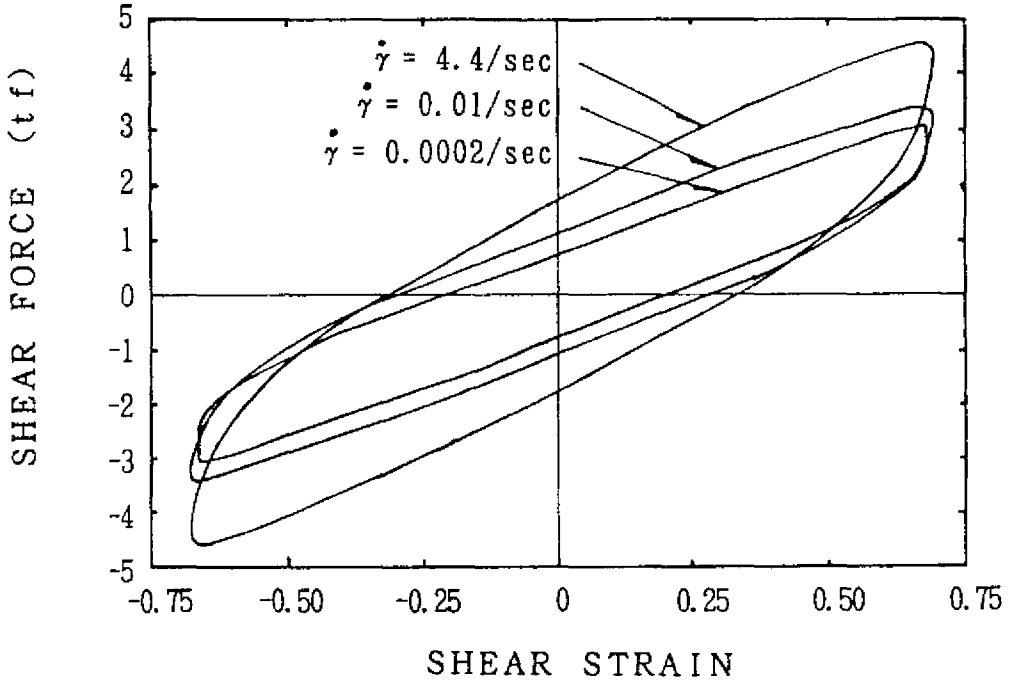


Fig. 12 Hysteresis Loops of LRB Subjected to a Harmonic Excitation with Displacement Amplitude of 50% Shear Strain of Rubber

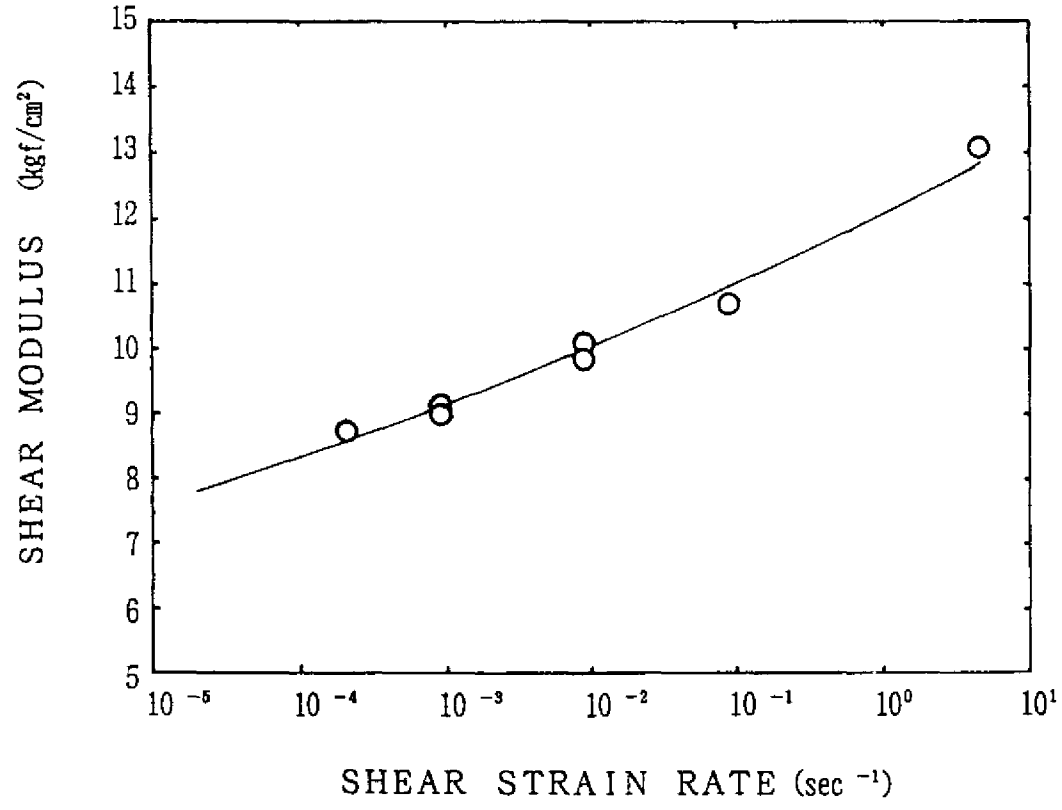
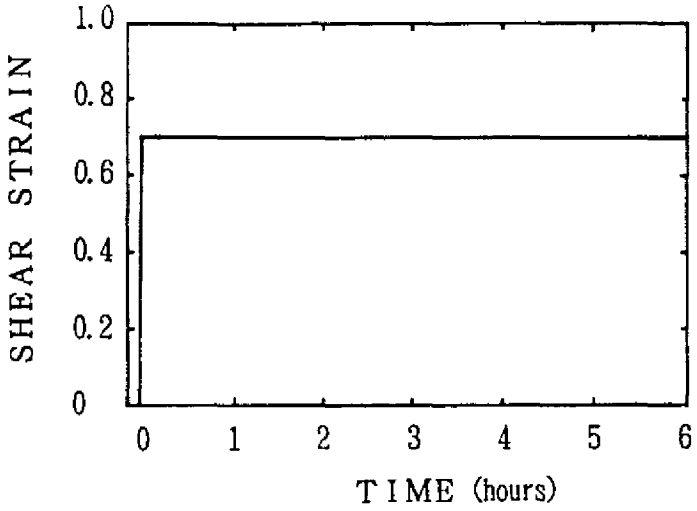
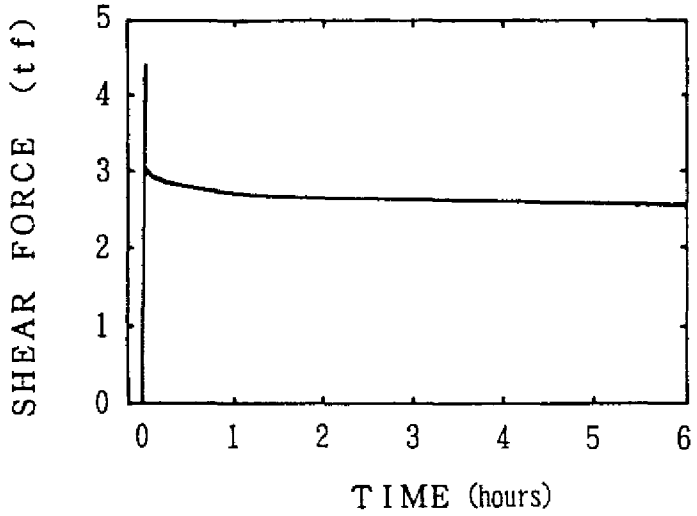


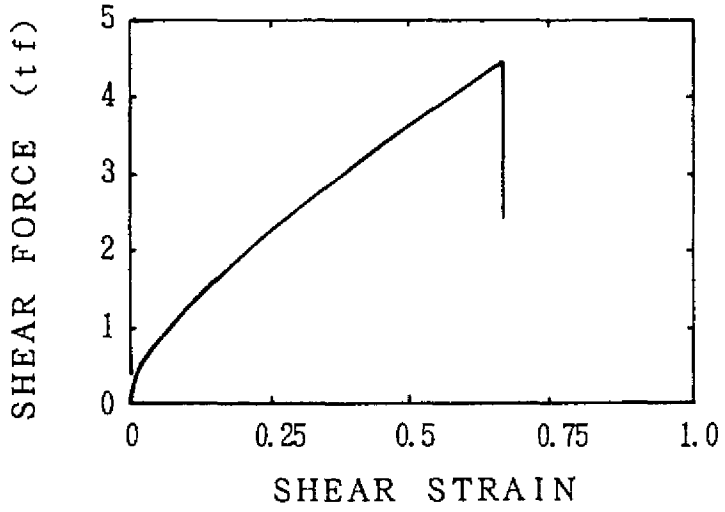
Fig. 13 Shear Strain Dependence of Shear Modulus of LRB Evaluated by Extrapolation Method



(a) Shear Strain Applied to Specimen



(b) Shear Stress Hysteresis



(c) Shear Strain Rate Dependence of Shear Strain

Fig. 14 Relaxation Method for LRB

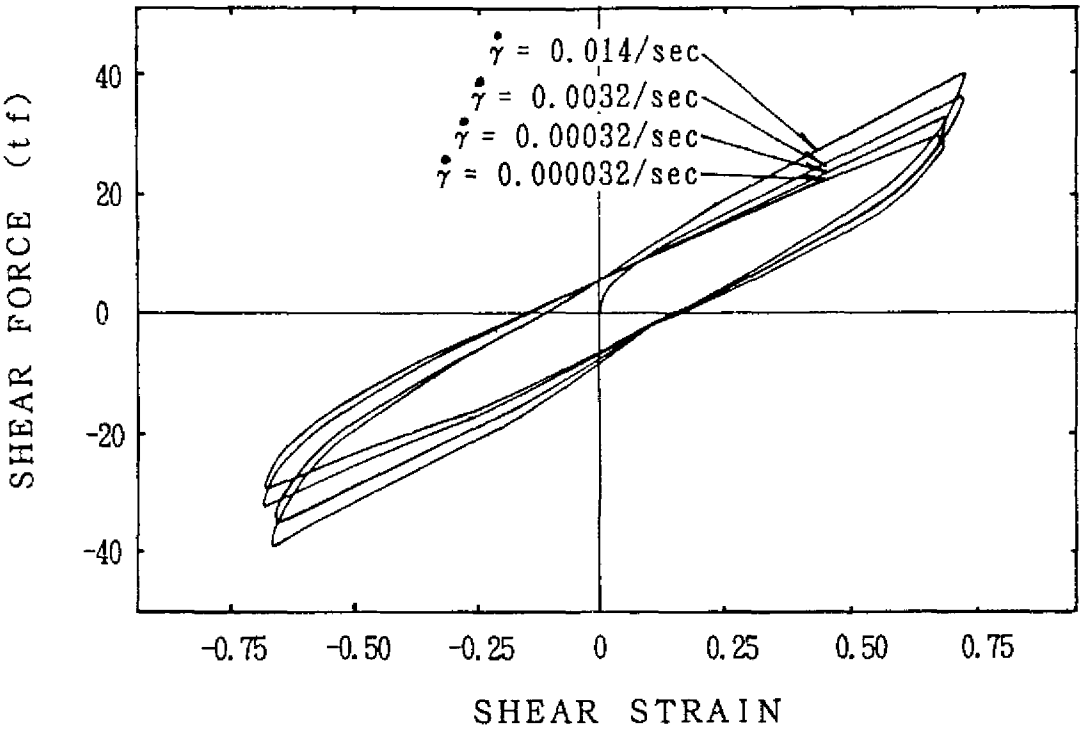


Fig. 15 Hysteresis Loops of HDR-B Subjected to a Harmonic Excitation with Displacement Amplitude of 50% Shear Strain of Rubber

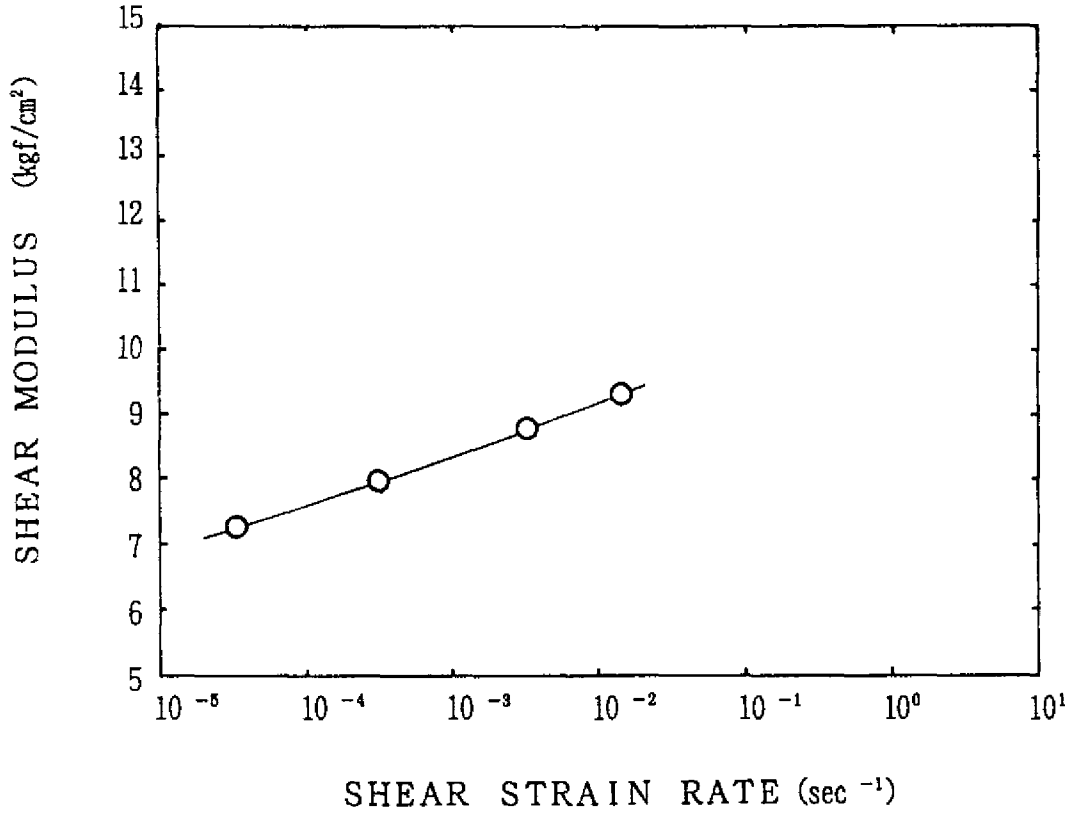


Fig. 16 Shear Strain Dependence of Shear Modulus of HDR-B Evaluated by Extrapolation Method