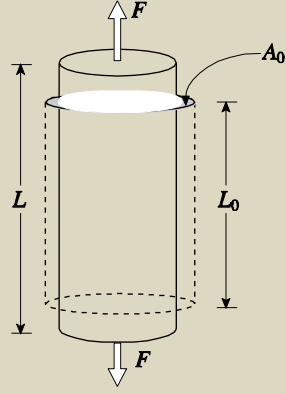


POLİMERLERİN MEKANİK ÖZELLİKLERİ

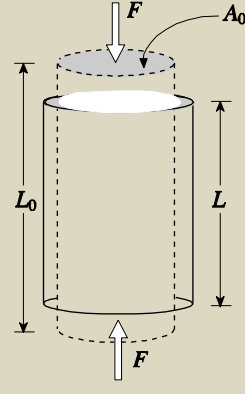
5.1 KUVVET TÜRLERİ

5.2 DEFORMASYON

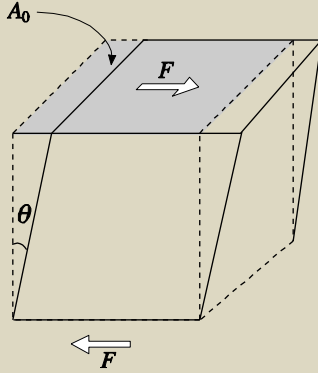
Deformasyon, yük etkisinde kalan maddelerde gözlenen boyutsal (şekil) değişimleri, akmayı veya ara davranışları kapsayan bir terim olarak kullanılır. Katılar boyutlarını değiştirerek, sıvılar akarak deformasyona uğrarlar.



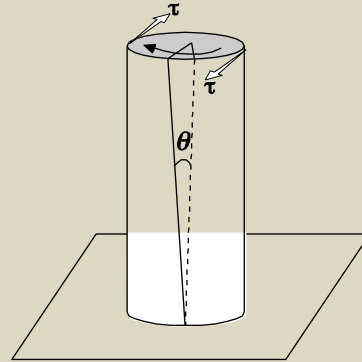
çekme



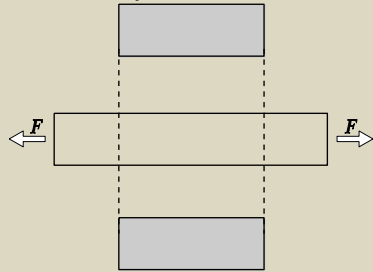
sıkıştırma



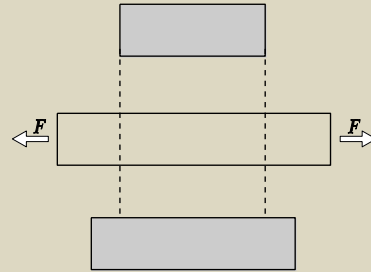
kayma



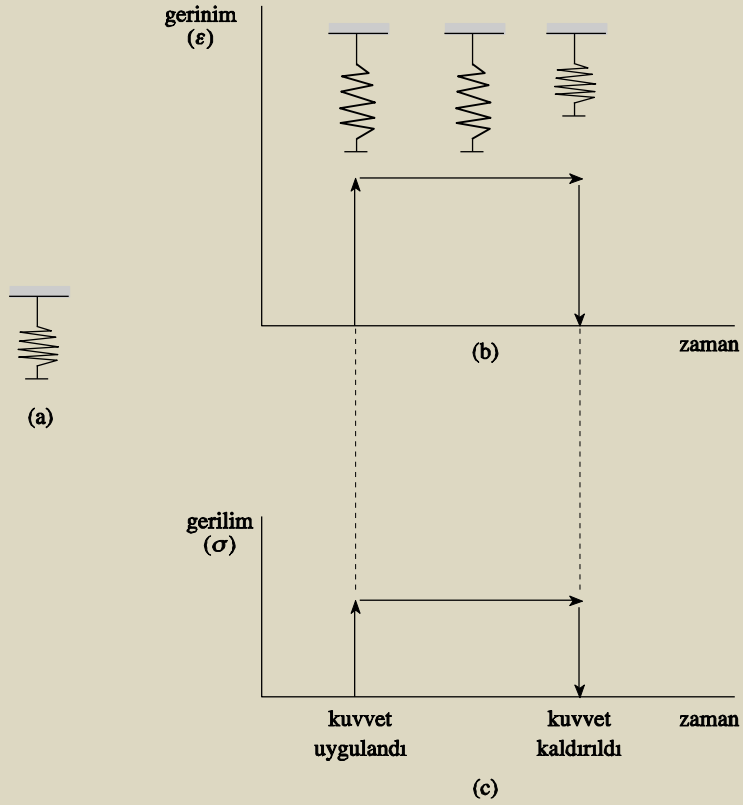
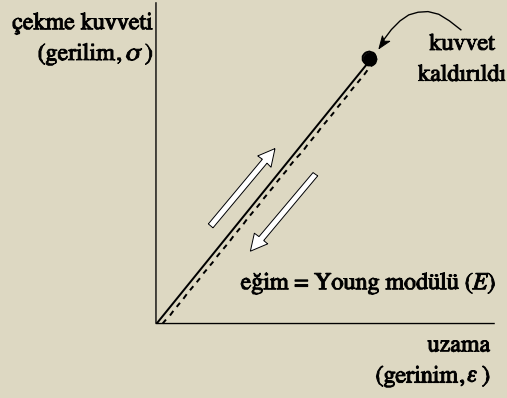
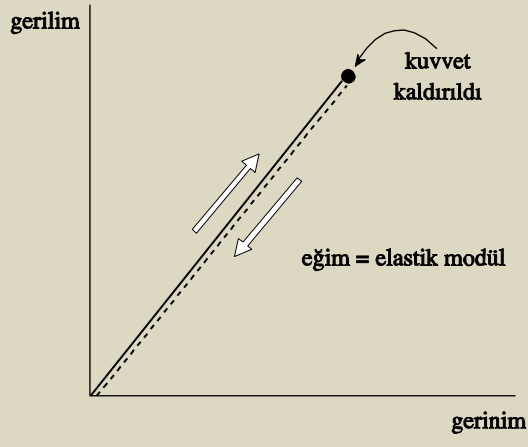
burma



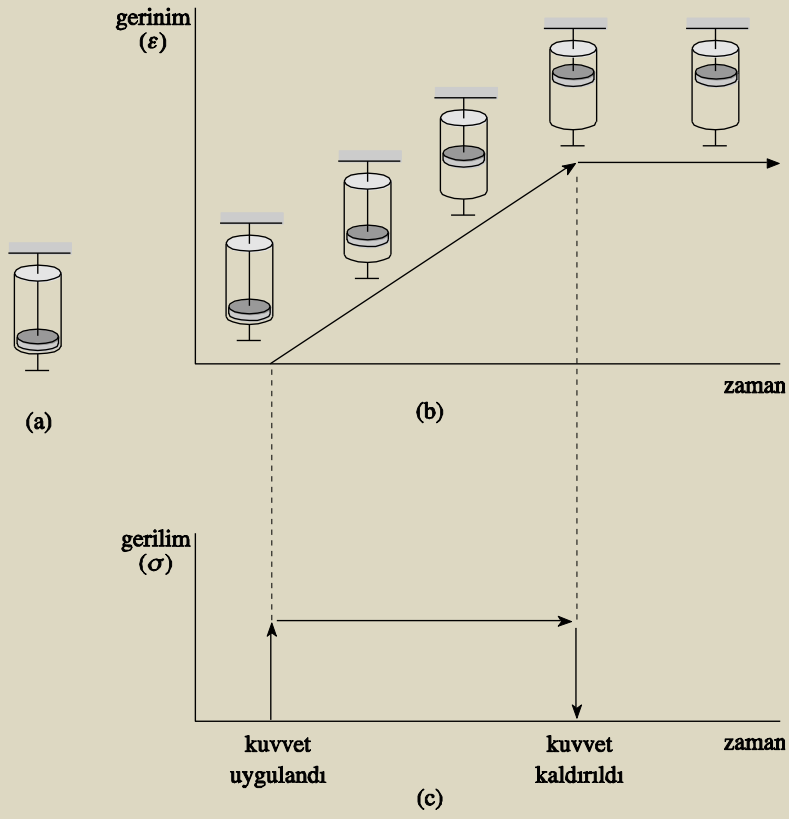
tersinir
deformasyon



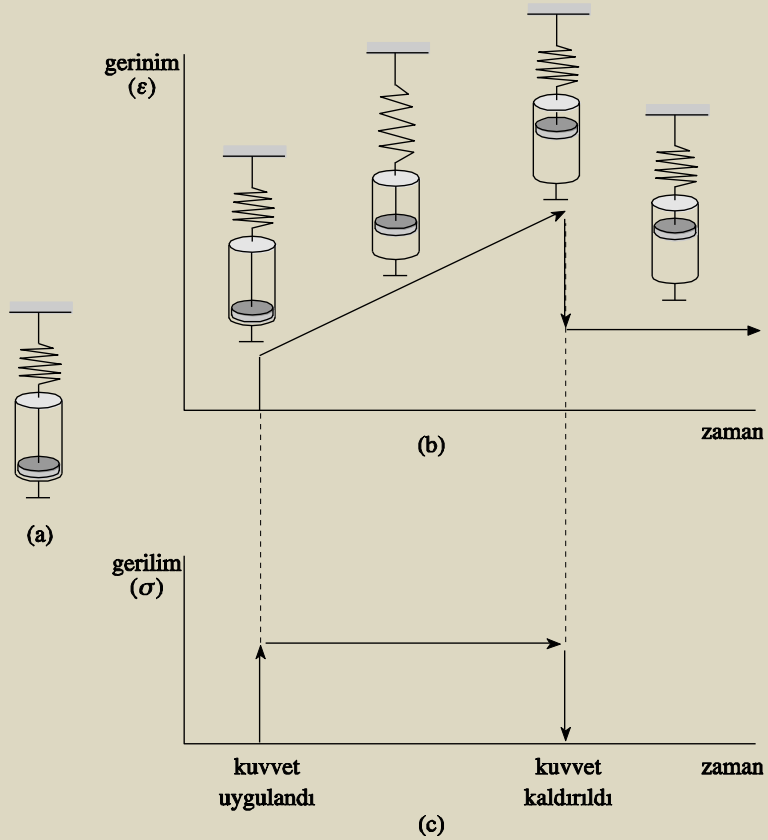
tersinmez
deformasyon



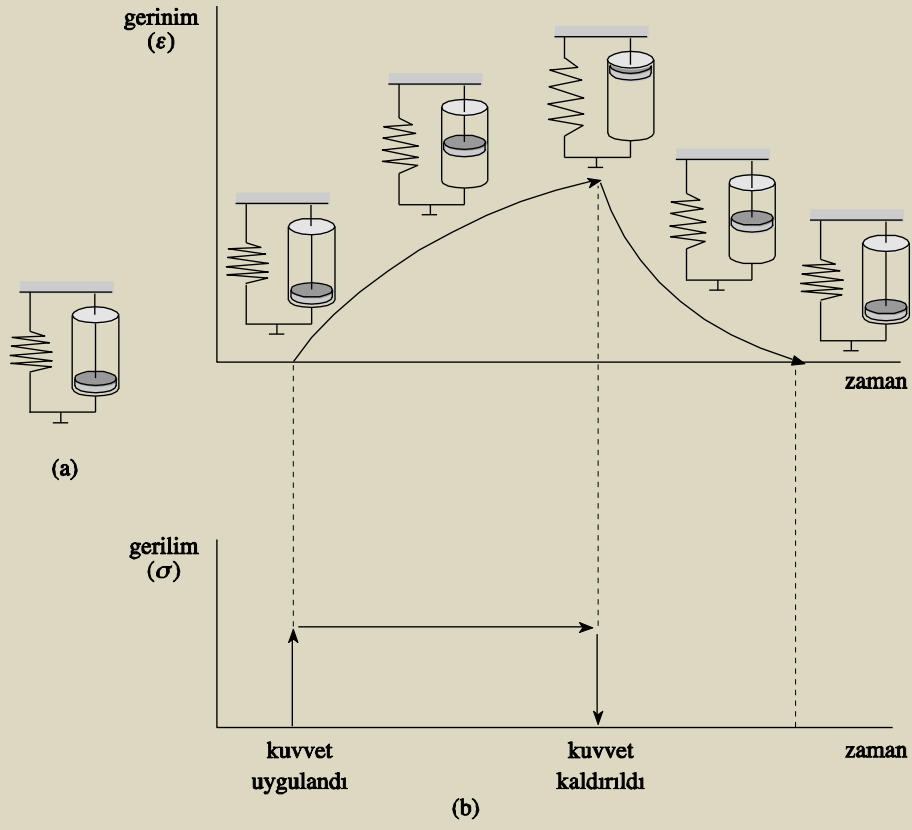
5.5 VİSKOZ DEFORMASYON



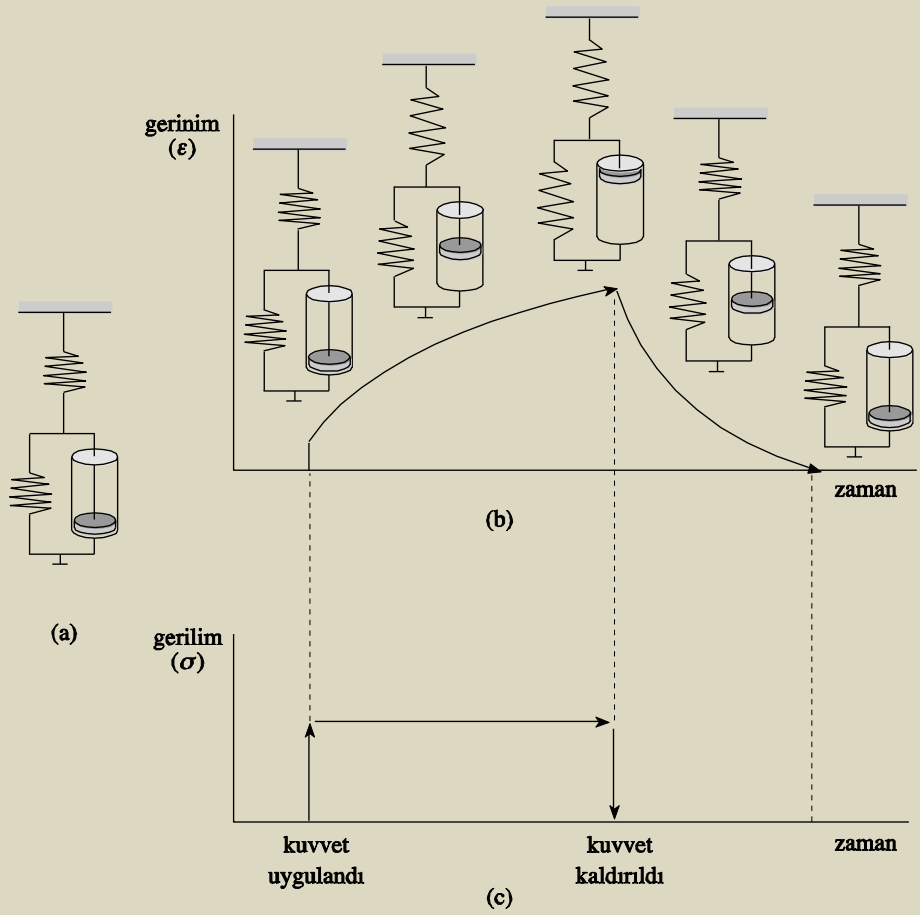
5.6 VİSKOELASTİK DEFORMASYON

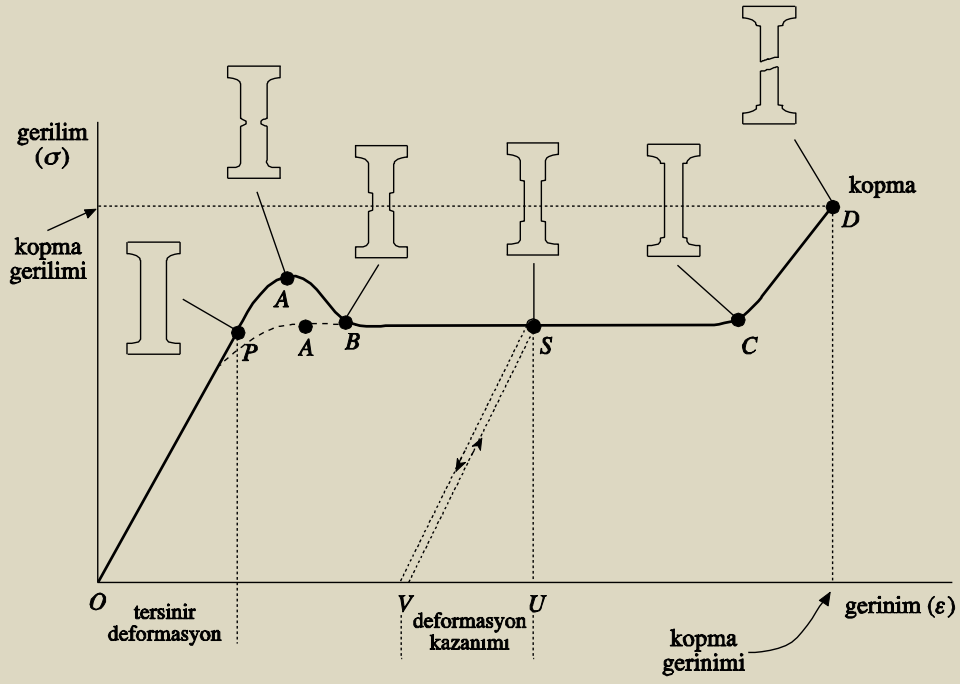


Voigth-Kelvin modeli

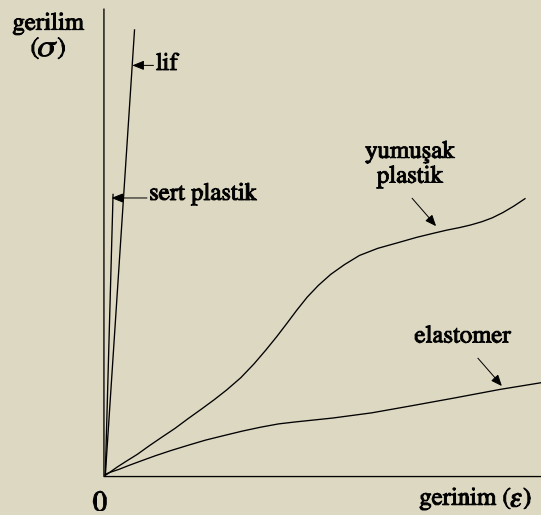
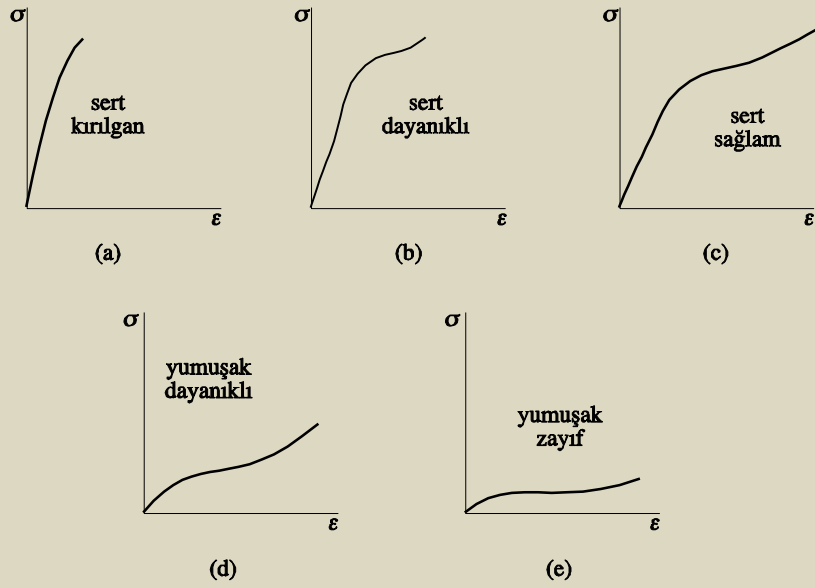


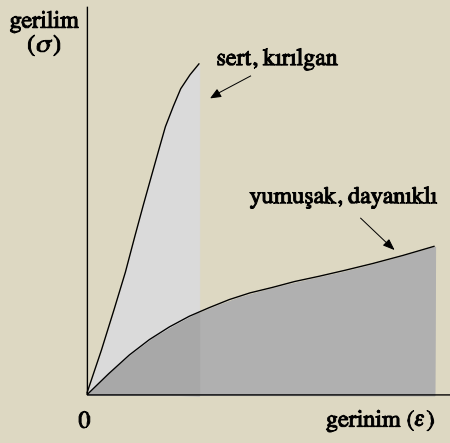
5.7 PLASTİK AKMA





5.8 POLİMERLERDE KARŞILAŞILAN GERİNİM-GERİLİM İLİŞKİLERİ





5.9 SÜRÜNME

