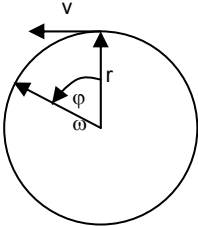
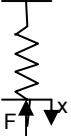
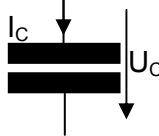
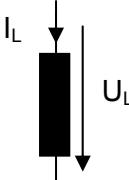
 <p>$s(t)$...Weg(Einheit : m)</p> <p>$v(t) = \frac{ds(t)}{dt} = s'(t)$...Geschwindigkeit</p> <p>$a(t) = \frac{dv(t)}{dt} = v'(t) = s''(t)$...Beschleun.</p> <p>$F = m \cdot a$...Kraft($N = \frac{kg \cdot m}{s^2}$)</p> <p>$P = F \cdot v$...Leistung(W)</p> <p>$G = m \cdot g$...Gewichtskraft</p> <p>$g = 9,81 \frac{m}{s^2}$...Erdbeschleunigung</p>	<p>Drehbewegung</p>  <p>$\varphi(t)$...Drehwinkel(Einheit : rad)</p> <p>$\varpi(t) = \frac{d\varphi(t)}{dt} = \varphi'(t)$...Winkelgeschwindigkeit($\frac{1}{s}$)</p> <p>$\alpha(t) = \frac{d\varpi(t)}{dt} = \varpi'(t) = \varphi''(t)$...Winkelbeschleun.</p> <p>$M = J \cdot \alpha$...Drehmoment(Nm)</p> <p>J...Drehträgheitsmoment(kgm^2)</p> <p>$P = M \cdot \varpi$...Leistung(W)</p>	
 <p>$F = c_F \cdot x$ c_F ... Federkonstante (N/m)</p>	 <p>$u_C(t) = \frac{1}{C} \cdot \int i_C(t) dt$</p> <p>$i_C(t) = C \cdot \frac{du_C(t)}{dt}$</p> <p>$Q = C \cdot U$</p> <p>$Q = I \cdot t$</p>	 <p>$i_L(t) = \frac{1}{L} \cdot \int u_L(t) dt$</p> <p>$u_L(t) = L \cdot \frac{di_L(t)}{dt}$</p>