

$$-k_{t0}\left(\varphi_9(t)-\varphi_{10}(t)\right)+k_{t0}\left(\varphi_{10}(t)-\varphi_{P2}(t)\right)+i_{ym10}\varphi_{10}''(t)=-c_{t0}\left(\varphi_{10}'(t)-\varphi_{P2}'(t)\right)$$