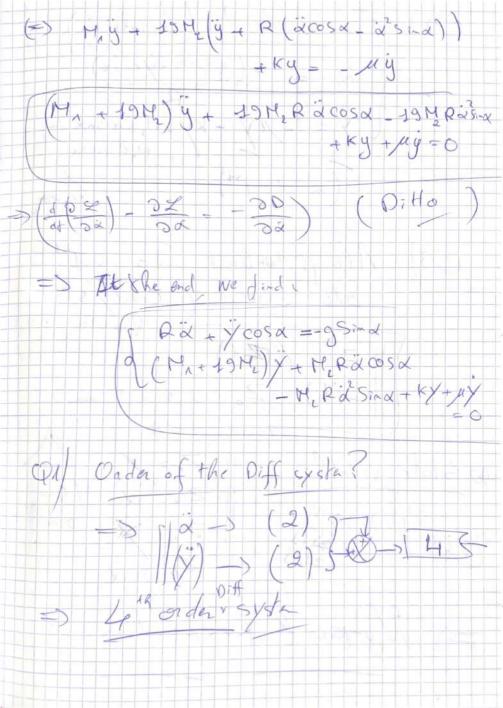
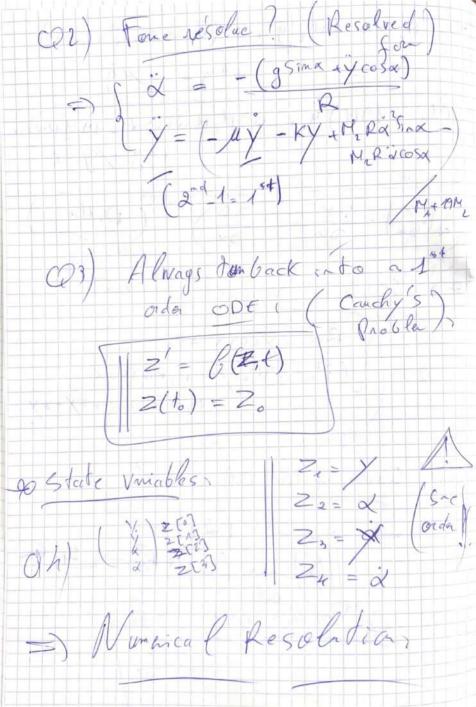
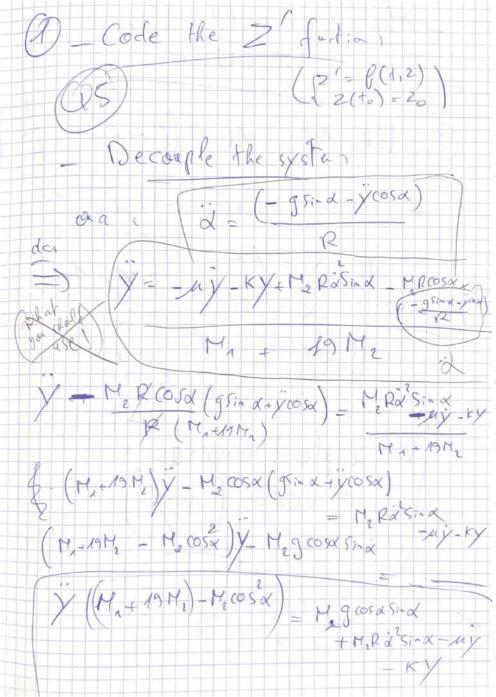
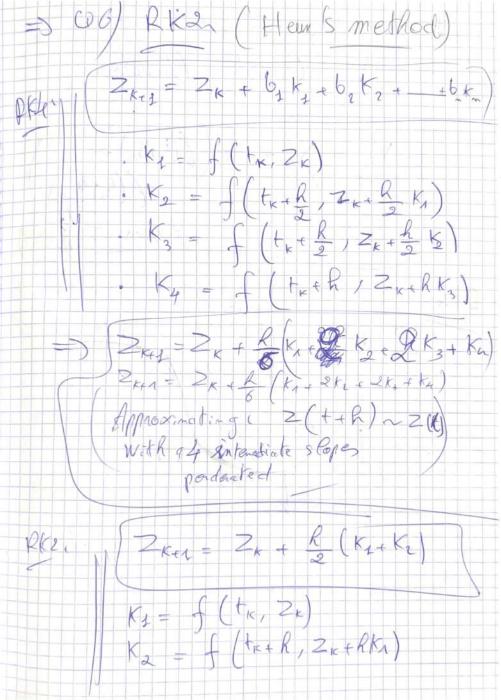
(umeracal) Pythay Madley -) Runge-Kutta's Methods Cant - Spring - padular - Danper systa - EQTS of MUIT Horizolal  $\frac{1}{2} = \frac{1}{2} m \dot{g}^{2} + R \dot{g} \cos \dot{g}^{2}$ V= V= Vp+ Ve = -13H, gR SOSO + = Kg2







the we calculate the Deivadives We not mp. anag [ dévolves. P Now initial condition x= 0 and/9 We implement these as a vector ( anay)



It cames from the scheme (instict) Nicholson ( nank B(+154)+ Yapprox - g + R Weak Emor (E) (f. 16)

