



Similar to the single RK method, we Can solve the above equation as fallows: Y(x.+h) = Y(x0) + h (F, 2F, 2F, F) $\widehat{F} = F(x_0, y(x_0)) ; \widehat{F} = F(x_0, y(x_0) + h \widehat{F}_0)$ F=F(xo, Y(xo)+hF); F=F(xo, Y(xo)+Fh)