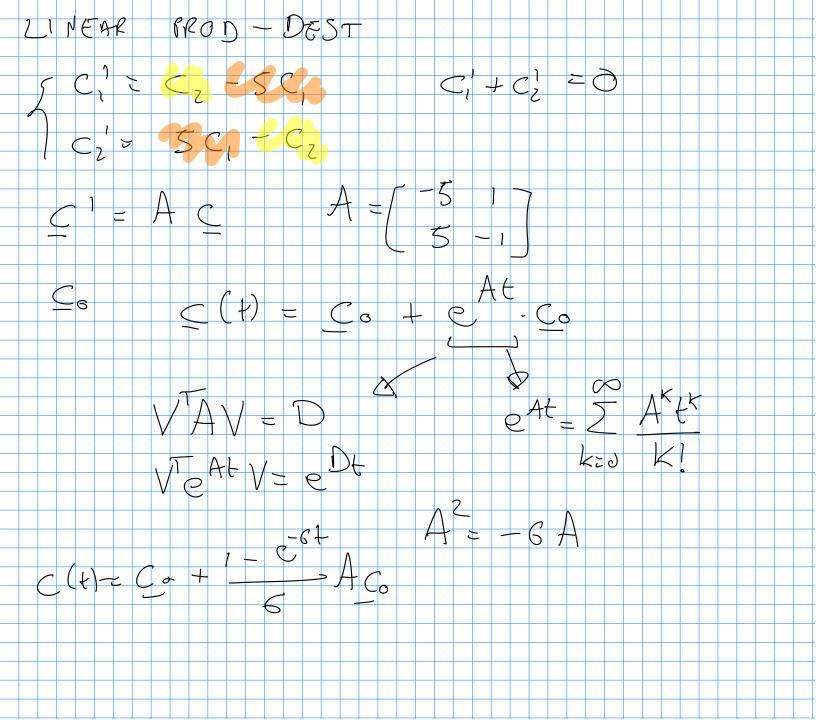


DAHLQUIST'S COVATION XGIR $\langle Q \rangle$



$$\begin{cases} y'z - y' - ay \\ y'z = y' - ay \end{cases}$$

$$\begin{cases} y'z - y' - ay \\ y'z = y' - ay \end{cases}$$

$$\begin{cases} y'z - y' - ay \\ y'z = y' - ay \end{cases}$$

$$\begin{cases} y'z - y' - ay \\ y'z = y' - ay \end{cases}$$

$$\begin{cases} y'z - y' - ay \\ y'z = y' - ay \end{cases}$$

$$\begin{cases} y'z - y' - ay \\ y'z = y' - ay \end{cases}$$

$$\begin{cases} y'z - y' - ay \\ y'z = y' - ay \end{cases}$$

$$\begin{cases} y'z - y' - ay \\ y'z = y' - ay \end{cases}$$

$$\begin{cases} y'z - y' - ay \\ y'z = y' - ay \end{cases}$$

$$\begin{cases} y'z - y'z + y'z \\ y'z = y'z - ay \end{cases}$$

$$\begin{cases} y'z - y'z + y'z - ay \\ y'z = y'z - ay \end{cases}$$

$$\begin{cases} y'z - y'z + y'z - ay \\ y'z = y'z - ay \end{cases}$$

$$\begin{cases} y'z - y'z + y'z - ay \\ y'z = y'z - ay \end{cases}$$

$$\begin{cases} y'z - y'z + y'z - ay \\ y'z = y'z - ay \end{cases}$$

$$\begin{cases} y'z - y'z + y'z - ay \\ y'z - y'z - ay \end{cases}$$

$$\begin{cases} y'z - y'z + y'z - ay \\ y'z - ay \end{cases}$$

$$\begin{cases} y'z - y'z + y'z - ay \\ y'z - ay \end{cases}$$

$$\begin{cases} y'z - y'z - ay \\ y'z - ay \end{cases}$$

$$\begin{cases} y'z - y'z - ay \\ y'z - ay \end{cases}$$

$$\begin{cases} y'z - y'z - ay \\ y'z - ay \end{cases}$$

$$\begin{cases} y'z - y'z - ay \\ y'z - ay \end{cases}$$

$$\begin{cases} y'z - y'z - ay \\ y'z - ay \end{cases}$$

$$\begin{cases} y'z - y'z - ay \\ y'z - ay \end{cases}$$

$$\begin{cases} y'z - y'z - ay \\ y'z - ay \end{cases}$$

$$\begin{cases} y'z - y'z - ay \\ y'z - ay \end{cases}$$

$$\begin{cases} y'z - y'z - ay \\ y'z - ay \end{cases}$$

$$\begin{cases} y'z - y'z - ay \\ y'z - ay \end{cases}$$

$$\begin{cases} y'z - y'z - ay \\ y'z - ay \end{cases}$$

$$\begin{cases} y'z - y'z - ay \\ y'z - ay \end{cases}$$

$$\begin{cases} y'z - y'z - ay \\ y'z - ay \end{cases}$$

$$\begin{cases} y'z - y'z - ay \\ y'z - ay \end{cases}$$

$$\begin{cases} y'z - y'z - ay \\ y'z - ay \end{cases}$$

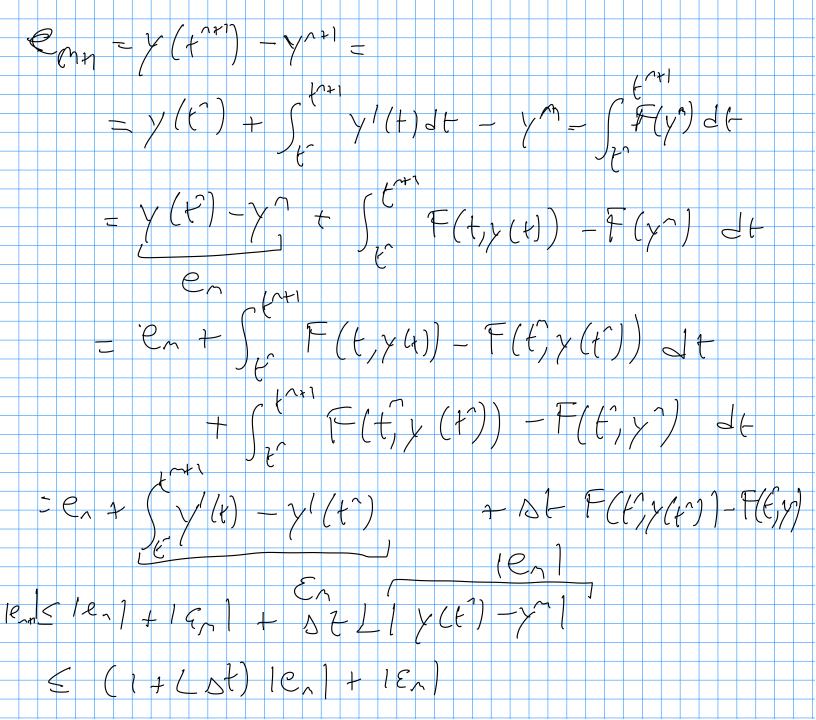
$$\begin{cases} y'z - y'z - ay \\ y'z - ay \end{cases}$$

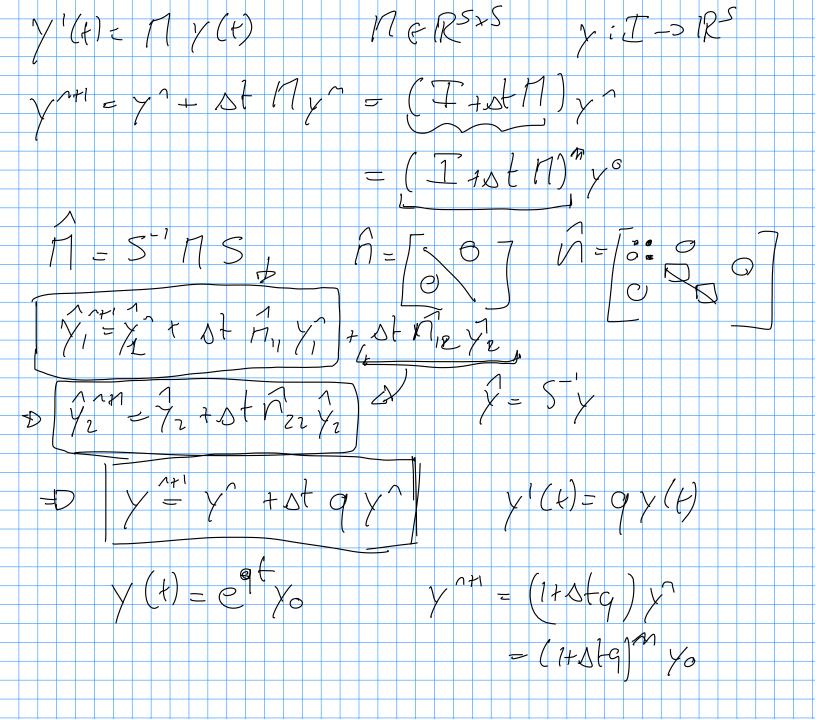
$$\begin{cases} y'z - y'z - ay \\ y'z - ay \end{cases}$$

$$\begin{cases} y'z - y'z - ay \\ y'z - ay \end{cases}$$

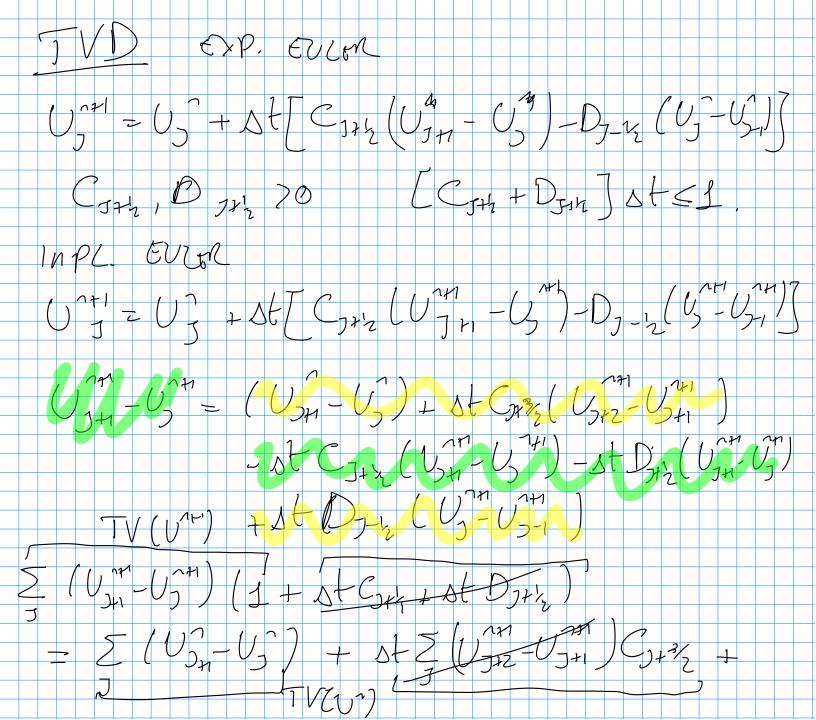
$$\begin{cases} y'z - y'z - ay \end{aligned}$$

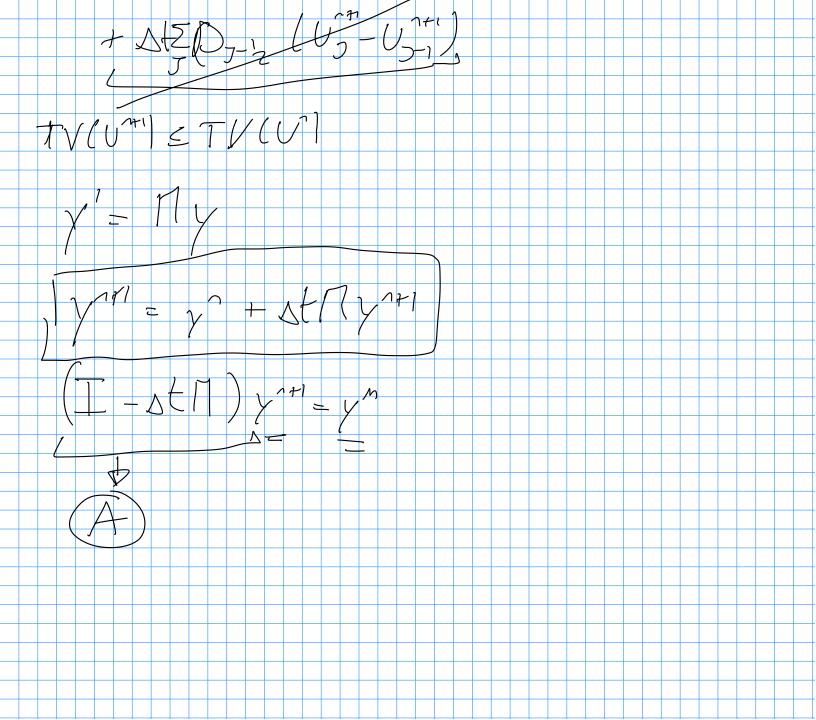
$$\begin{cases} y'z - y'z$$

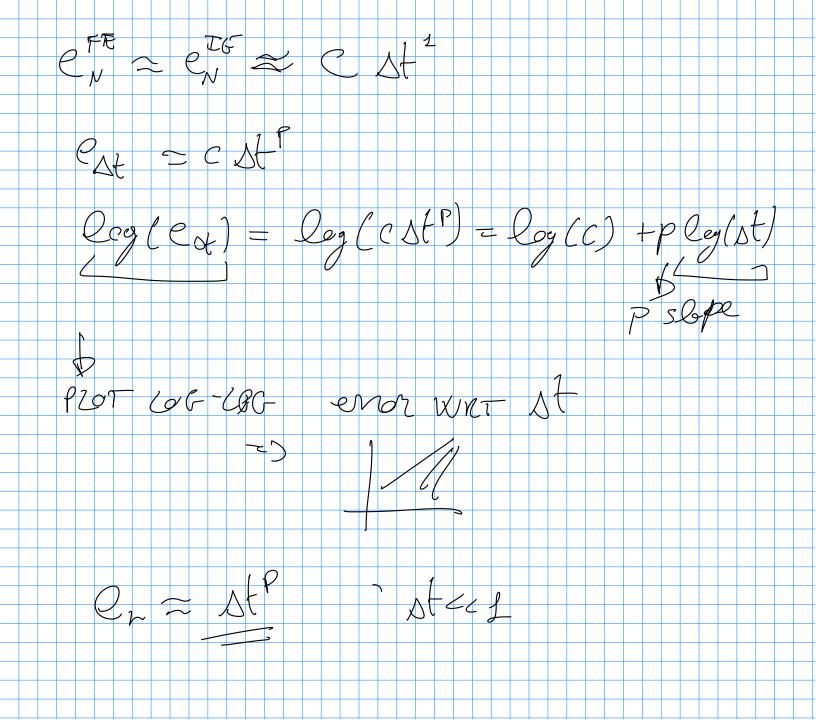




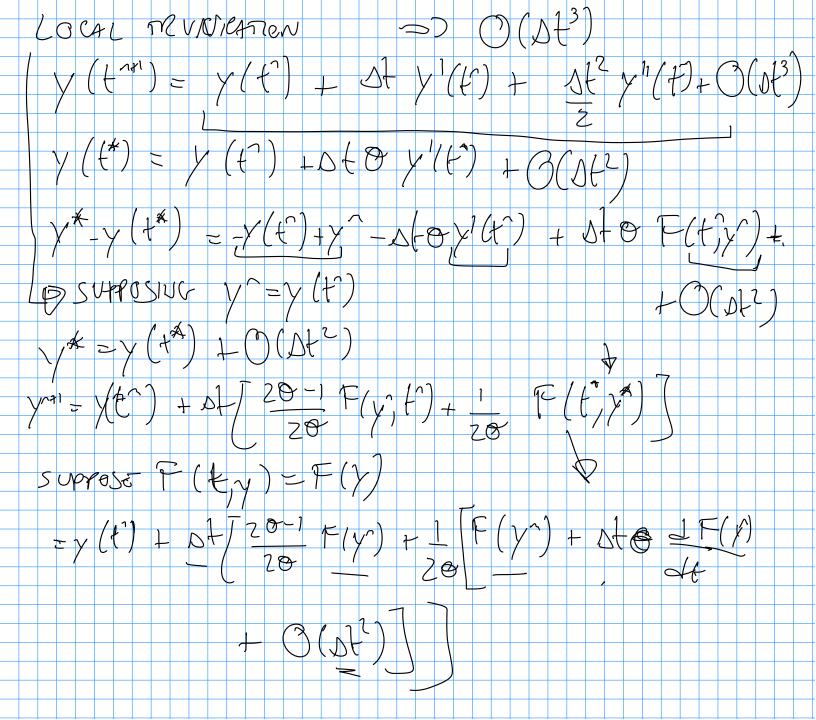
20 | X(P) | 2 / Yo/ 90 1 = Re (9) = 0 | 1 x (e) | Y^H = (1+stg) } 117019 2 = Stg R(Z) := 1+ Z 5 = { z < C : | k S => Dt 9 CAMP PODIFICO 0 3 56 Steel = Stacs

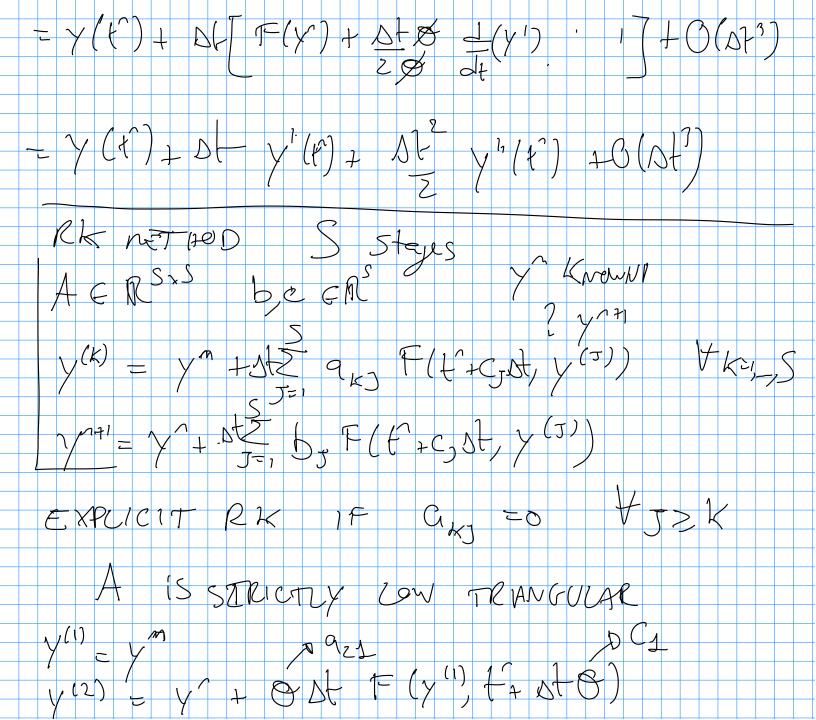


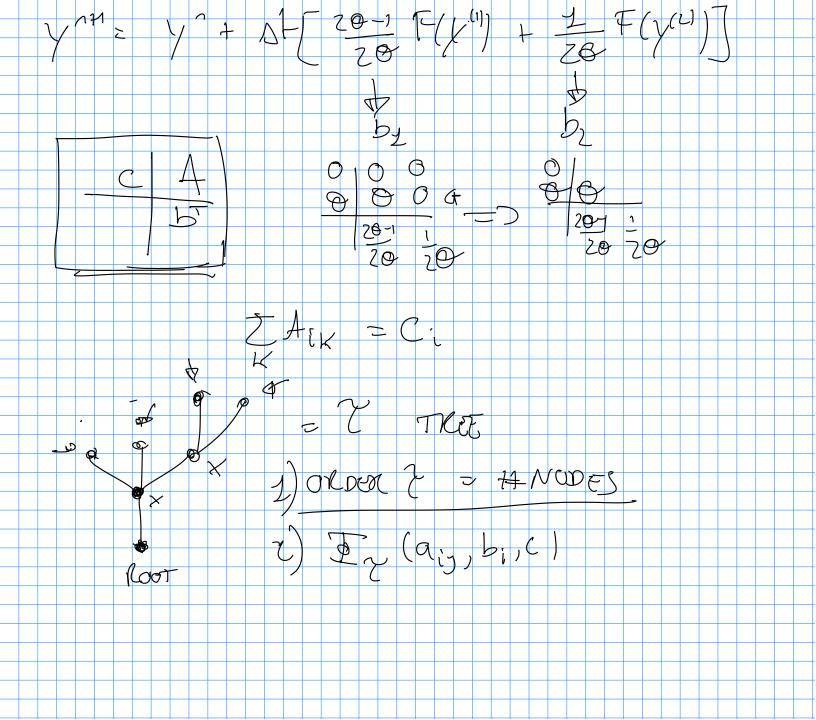


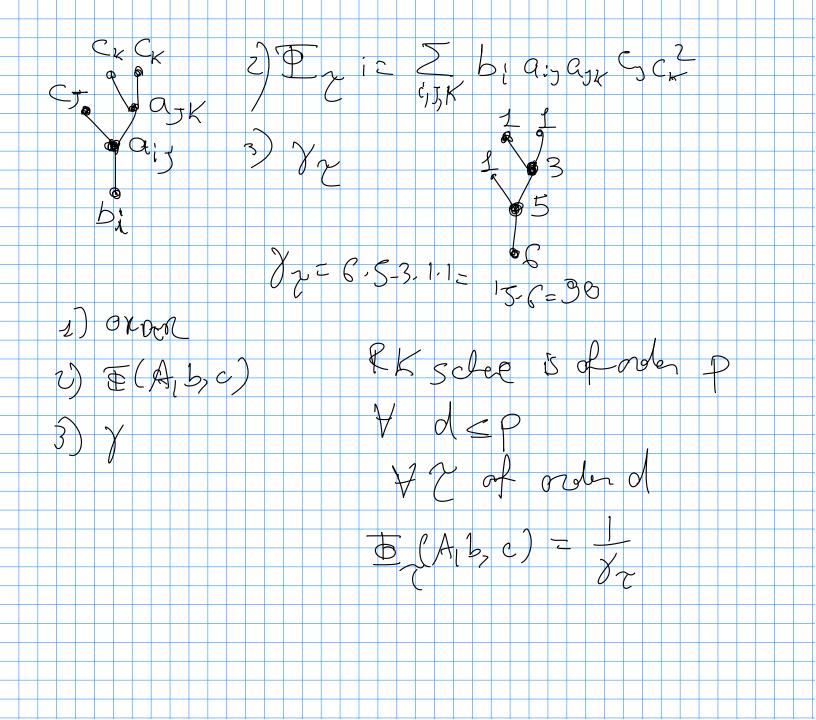


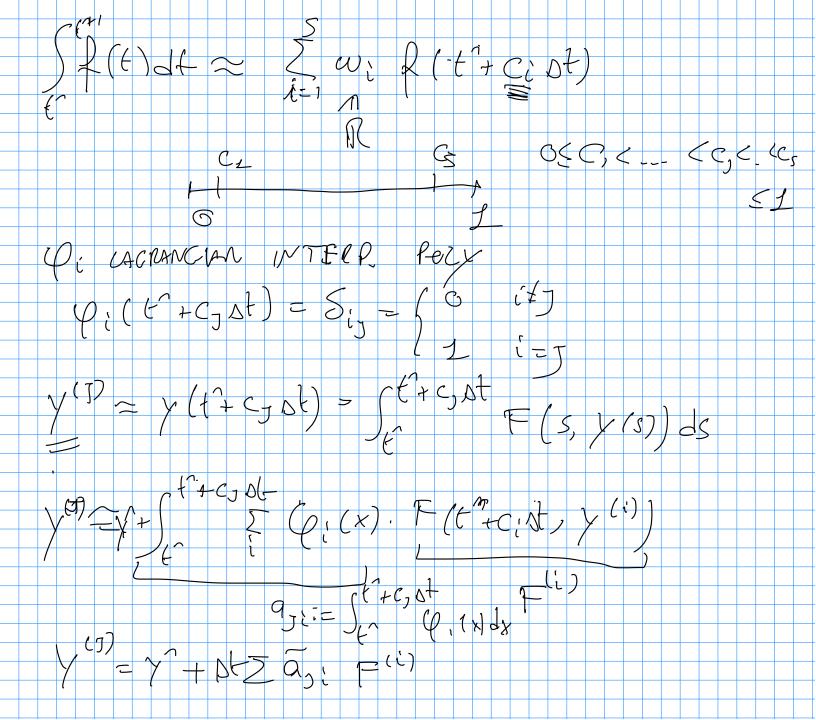
ORDER OF ACCURAC y + St F(t, y) CXPC11C17 EVZOR RUNCELKUTT O-nthen ODER HIGH

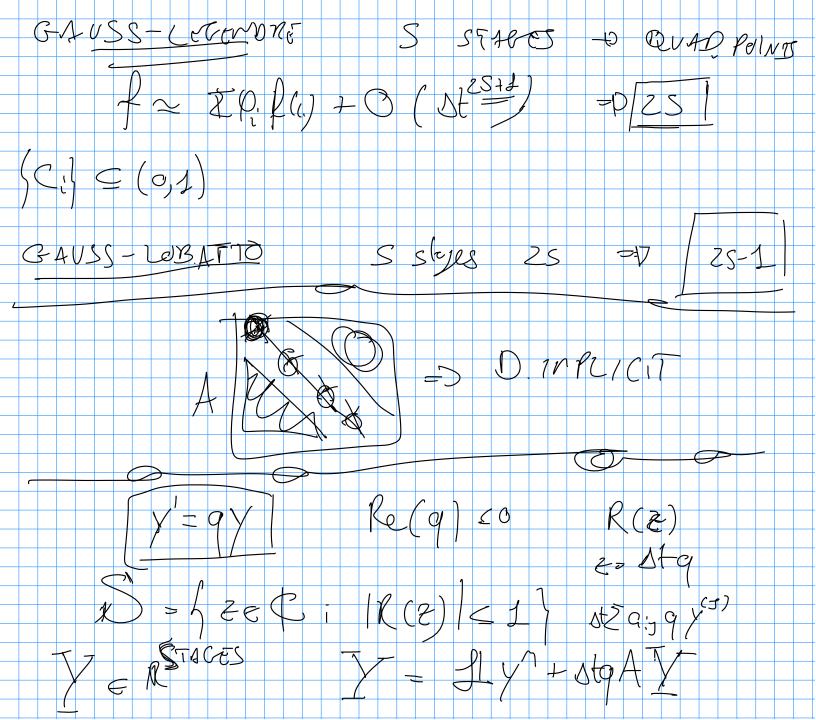




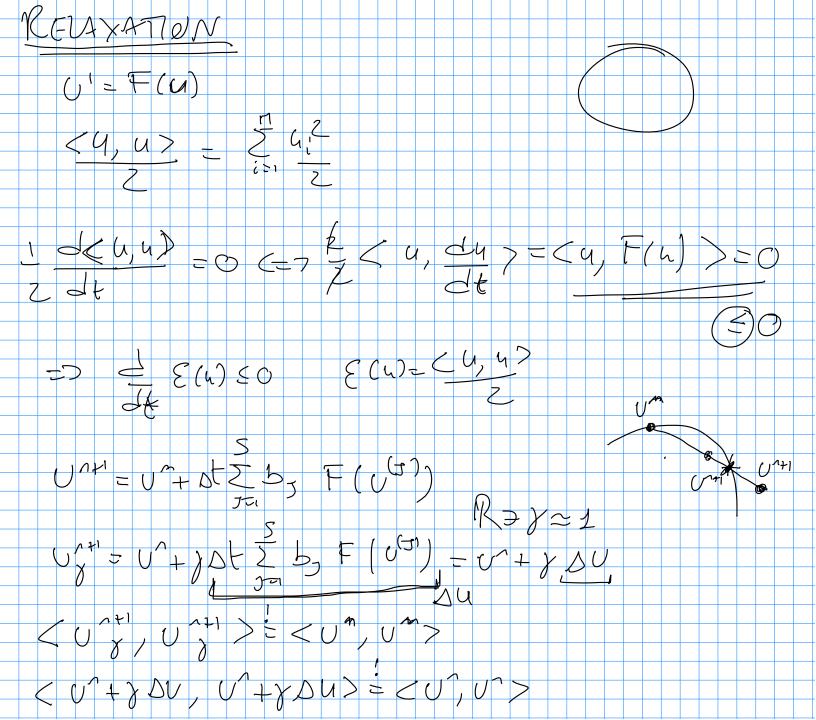


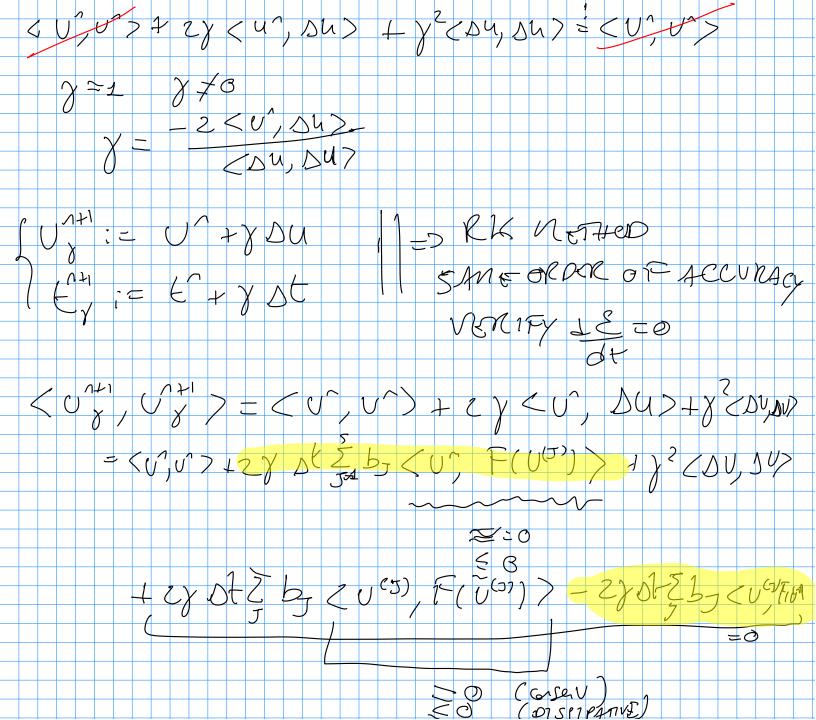


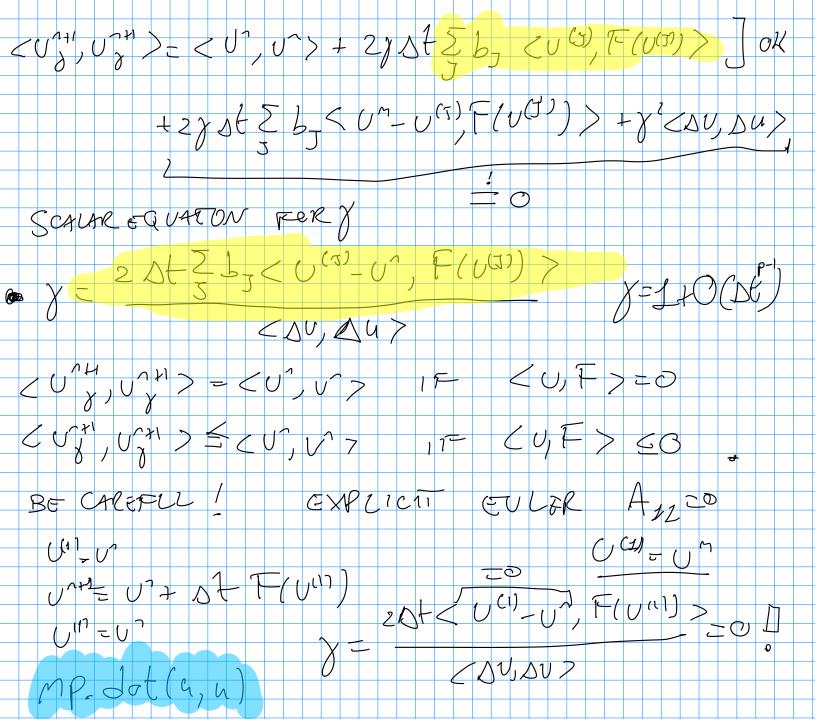


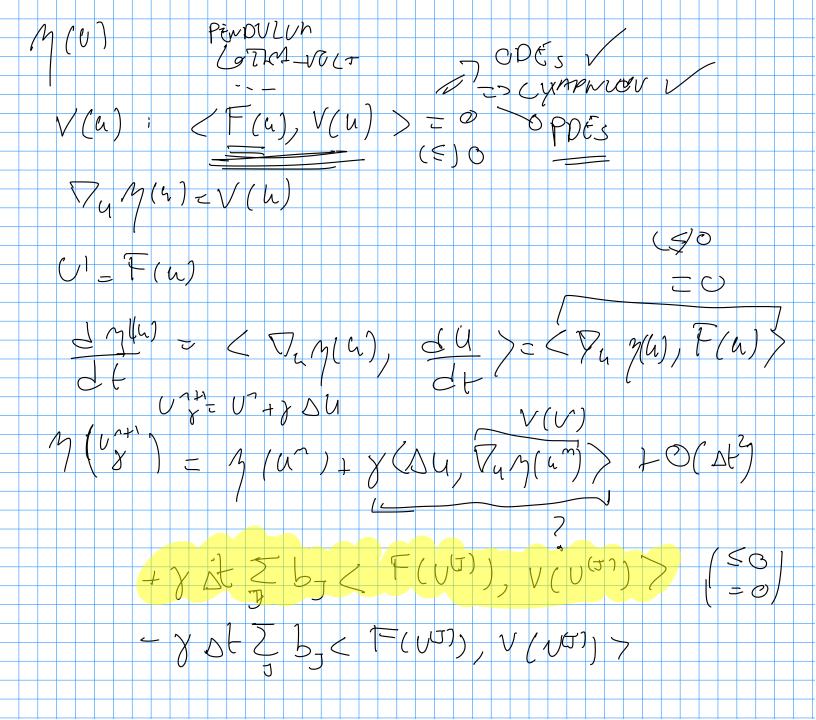


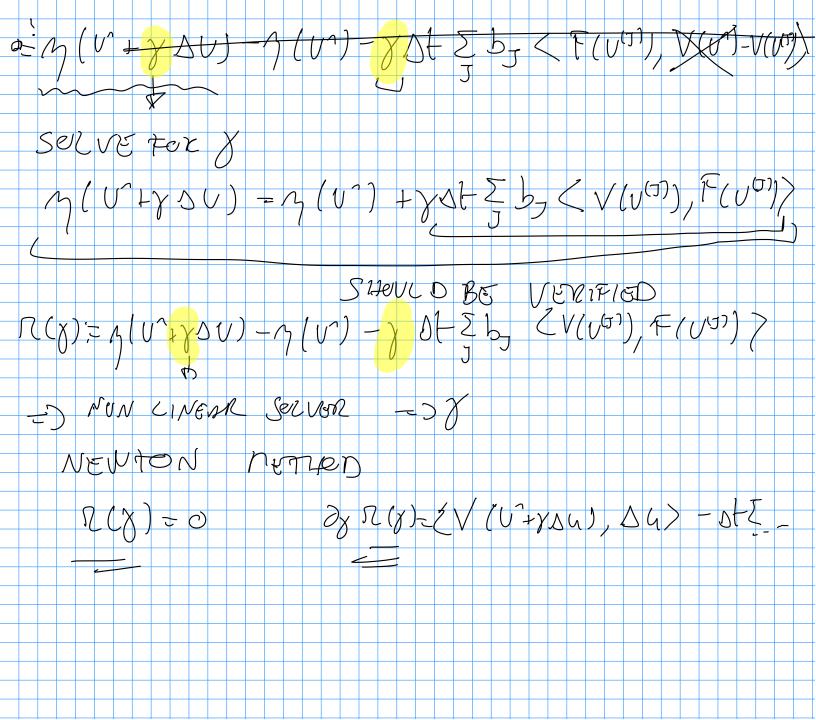
E RSTAGES + At g Dt = / E þ 9 Q ~ +7 **y** 2 147

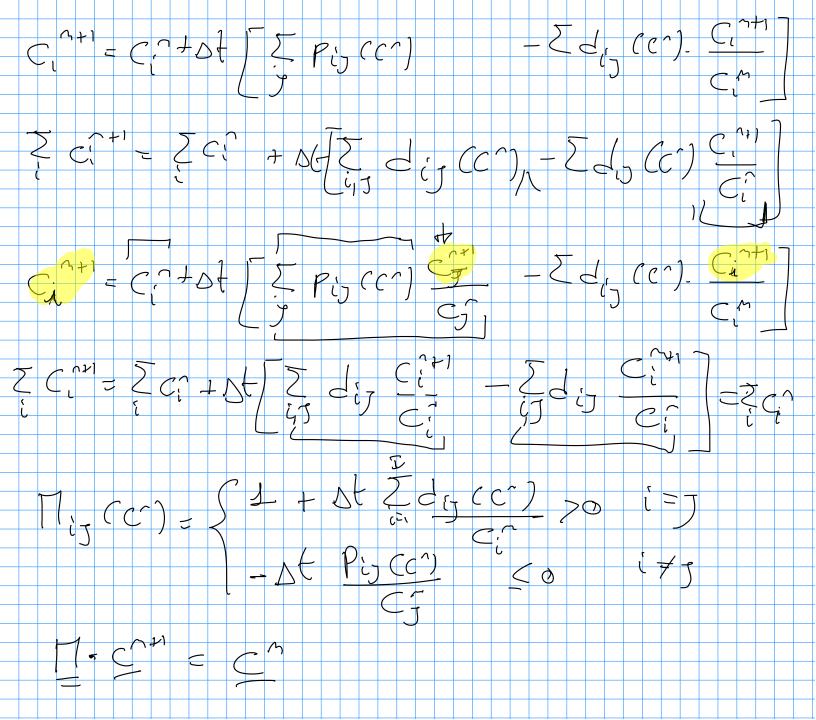


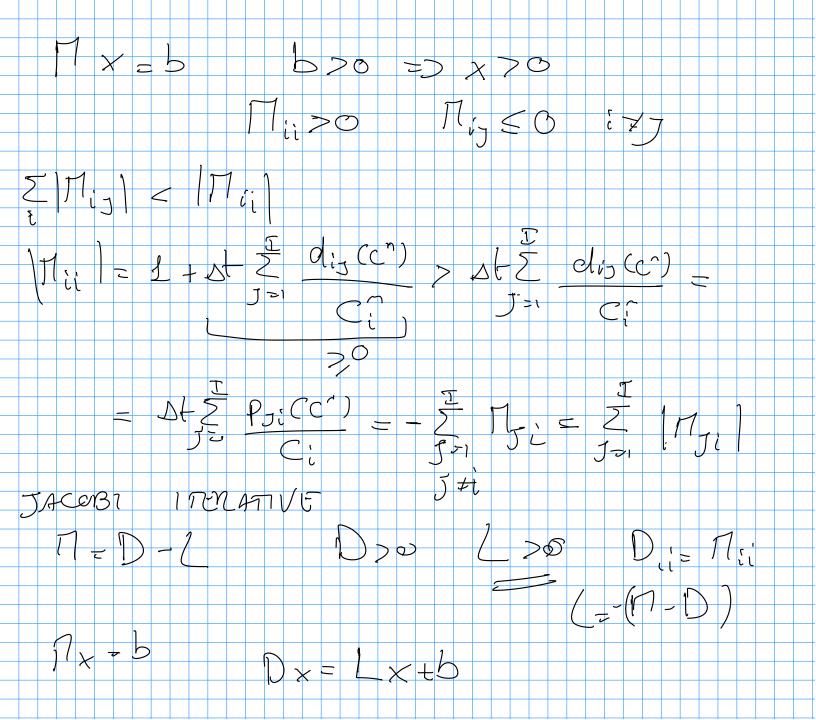


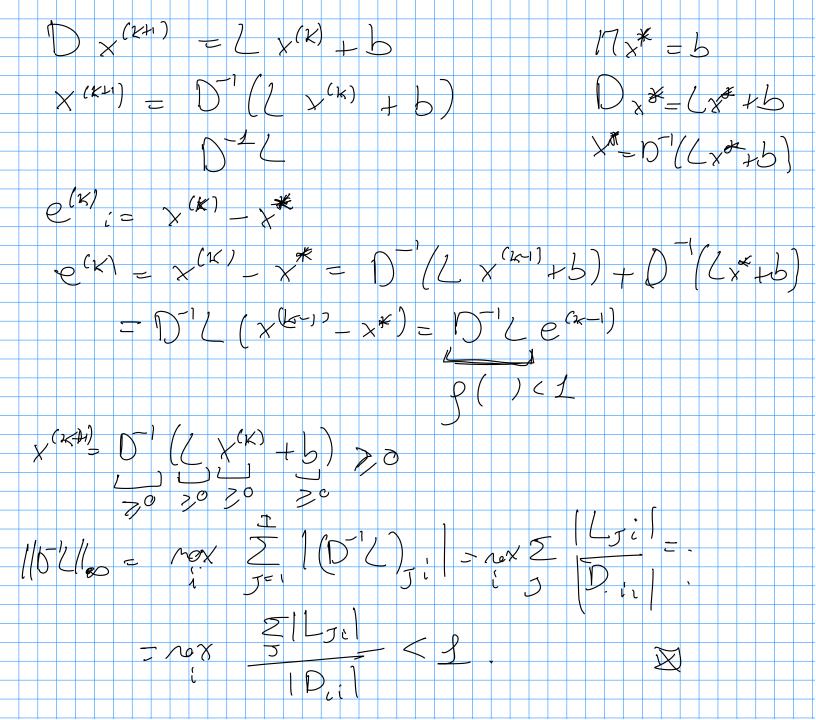












E D THEORETICAL DON'TENCY EXACT DAPPResings CONSULTATION (MSS)

NOT ENTRLY PROFERRING DEXPLICIT EVEN POST 558 B DIMPLICIT D NON CINEAR 057431217 2 RUNGE KUTTA NETHERS U2-5 U2+1 1 site S STAGES 55 PRX (0, 4) -0 5 TORSEE PROB. ARBITRARY OND SEC INDICIT -> GE CED METHED Un-KL MULTISTER EXPLICT => K STOPS => LE-ORDER EXPLICIT

=> CONORCE SER INPLICIT RK AKBITRACY 4 ORDOK ITEMATINE PROCEDURE KE OKOCK AS RK NETHERS (STAGES SL-1 ORDER ENTORY/ENERCY/CIYARUVEN FUNCTON SCALAR CONSMAINTS KELAXATEN KUNGE-MIJA ENGENCED 2) etha salar equha) F) & ORDIN AS THE MIGHNER OK BETTER POSITIVITY SQUITON FROD/DEST PROBLOMS PATANKAR TRICK, MODIFIOD P. T. D LINER MASS TO BE INVESTED GUSMUATOW), ARBTHARY 17 O.

RIC order3 STACES SPRICADDING DOF

LO PROSERVE STABILITY TVD

(EXPLICIT EULIE)

15 PRESERVING)