1 FUNET

DEPULLEDER PURP. YR. - PABELLOTBO BUNA

$$F(y^{(n)}, --, y'', y', y, x) = 0$$

Y-K-MEPHAA BEKTOP-OPYHKYUA F-HENP. OD-UA CO ZHAUEHUANU B PK

PEWEHWE CUCTENUS - 9-48 4: J-> RK I- WHETEPBAN

CHEAENLE AUP, YP. K CUCTEME yp-www nepboro noparaka

$$F(y'_{n-1}, y_{n-1}, y_{n-2}, ..., y_{r}, y_{o/x}) = 0$$

$$\begin{cases} y_{0}^{2} - y_{1} = 0 \\ y_{1}^{2} - y_{2} = 0 \\ y_{1}^{2} - y_{1} = 0 \end{cases}$$

ABN. PEWENWEM T. UT.T., KOTAA 40 - PEWENUE

BAAAUA KOWU
$$\begin{cases} \hat{x}(t) = F(x,t) \\ x(t_0) = x_0 \end{cases}$$

MANA BOLCINUX NOPALOB

$$y^{(n)}(x) = \varphi(y^{(n-1)}, y^{(n-2)}, ..., y, x)$$

$$\begin{vmatrix}
 \dot{y}_{0}(x) = y_{1} \\
 \dot{y}_{1}(x) = y_{2}
 \end{vmatrix}$$

$$\begin{vmatrix}
 \dot{y}_{n-2}(x) = y_{n-1} \\
 \dot{y}_{n-1}(x) = \varphi(y_{n-1}, y_{n-2}, ..., y_{n-2}, ...,$$

3AJAUA KOWU & NAPAMETPON

$$\begin{cases} \dot{x}(t,\lambda) = F(x(t,\lambda),t,\lambda) \\ x(t_0,\lambda) = x_0(\lambda) \end{cases}$$

FREKUSUS 41 NULLEYTA