

$\mu := 4$

$$D(t, x) := \begin{bmatrix} x_2 \\ \mu \cdot \left(1 - (x_1)^2\right) \cdot x_2 - x_1 \end{bmatrix}$$

Min step
 $hmn := 10^{-4}$
Max step
 $hmx := 10$
Tolerance
 $eps := 0.01$
Method: (1, 2, 3)
 $nm := 3$
 $x_0 := \text{stack}(0.01, 0) \quad tmin := 0 \quad tmax := 20 \quad N := 640$
 $res := \text{manzhuk}(x_0, tmin, tmax, N, D)$
Error code
 $ier = 0$
 $\text{rows}(res) = 641$
 $p1 := res_{[1..N]} \begin{bmatrix} 1 \\ 2 \end{bmatrix} \quad p2 := res_{[1..N]} \begin{bmatrix} 1 \\ 3 \end{bmatrix} \quad p3 := res_{[1..N]} \begin{bmatrix} 2 \\ 3 \end{bmatrix}$
