201 S35 #5 4, 11, 26,34 Y=X4- 82+8 SETO => 42-84+8=0 W-84+4 = 8 + 16 = 8 (4-4) = 8 u-4= ±212 $4=4\pm2\sqrt{2}=x^2$ X= ± V4±21/2 au zuros off, 14=R x = 2.61712593, EVEN ± 1.0823922 y'= 4x3-16x = 4x(x24)= 4x(x-2)(x+2) SETO x < 30, ±23 y"= 12x210 = 4(3x2-4) 8 ETO => x = 2 = 2 = 3 } メニナラニナジャナーにはイン D=(-V4-212,0) A2(-84+2/2,0) E = (0,8) MAN B 2 (-2,-8)MIN H = (2,-B) MIN F = (4-282,0) C2(-2学,-.85) I=(VY+2/2,0)

1=2

201
$$\zeta'' 3 \times 4 \times 20, 3 + \zeta$$

20 $\zeta' = x \times 2 \times 2 \times 3 + \zeta$

21 $\zeta' = x \times 2 \times 2 \times 2 \times 3 + \zeta$

$$\zeta' = x \times 2 \times 2 \times 4 \times \left(\frac{1}{2}(2-x^2)^{\frac{1}{2}}(-x)\right)$$

$$= \frac{2-x^2}{\sqrt{2-x^2}} + x \left(\frac{1}{2}(2-x^2)^{\frac{1}{2}}(-x)\right)$$

$$= \frac{2-x^2}{\sqrt{2-x^2}} - \frac{x^2}{\sqrt{2-x^2}} = \frac{2-2x^2}{\sqrt{2-x^2}} - \frac{2(x^2-1)}{\sqrt{2-x^2}}$$

$$= \frac{2x}{\sqrt{2-x^2}} \times x = \pm 1, \quad \text{set } \chi = \pm 1/2$$

$$= \sqrt{2} \times (2-x^2)^{\frac{1}{2}} - (x^2-1)(\frac{1}{2}(2-x^2)^{-\frac{1}{2}}((2x))$$

$$= -2 \left[\frac{2x(2-x^2)}{\sqrt{2-x^2}} + \frac{x(x^2-1)}{\sqrt{2-x^2}} \right]$$

$$= -2 \left[\frac{x}{(2-x^2)^{\frac{3}{2}}} + \frac{x(x^2-1)}{(2-x^2)^{\frac{3}{2}}} \right]$$

$$= -2 \left[\frac{x}{(2-x^2)^{\frac{3}{2}}} \times \frac{x}{(2-x^2)^{\frac{3}{2}}} \right]$$

$$= -2 \left[\frac{x}{(2-x^2)^{\frac{3}{2}}} \times \frac{x}{(2-x^2)^{\frac{3}$$

201 S3,5 #34 (34) y= x+cos x Hand to find seros y'= 1-snx SETO X= =+2nT, NEZ y"= -cos x 5=0 Y=antity neZ. Note: y'= 1-six > 0 xx, so no exhemes. Just terraces (聖型)IP