Megens I

The yourselecter every Ropicources a gobierce receprocate, The.

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KR Bupm. repear. 9=[p] ===(x,y); ====(x,y)

5A=0=-mpd2+mw2dy

 $2 = 20 + \frac{\omega^2 / x^2 + y^2}{2g} - 2000$ $A \times 2 + B \times y + C y^2 + d \times + b y + \rho = 0, \quad 44c - B^2 \neq 0$ $A \times 2 + B \times y + C y^2 + d \times + b y + \rho = 0, \quad 44c - B^2 \neq 0$

(dB-2pA)=(4gA)-d2)(4AC-B2)-yh-e whubon Пощинире равенство возномено иль в шемених чосках правкорим, мого в верхних.

2 Axdx + Bxdy + Bydx + 2 Cydy + ddx + pdy = 0 1. 1x 2 Ax + Bx dy + By + Cy dy + d + pdy =0

per bosh-c npusthereen cues buy: de -0, re

 $2A \times + Bg + d = 0 \Rightarrow x = -\frac{d + Bg}{2A}$

27 A. $(d+hy)^2 - hy(d+hy) + Cy^2 - 2(d+hy) + hy + p=0$ $44^2 + 24hyd + 4h^2y^2 - 2hyAd - 24h^2y^2 + Cy^24A^2 - 24A^2 - 24A^2$

2 (B2-2B2+4AC)+y(4Ap-2dp)-d2+4Ap=0

The yearseu (4AC-B² ≠ 0 energyen, uso 220 =>
=) y12 = -(4AB -2dp) ± √(4AB-2dp) -4 (4AC-B²)/4gA-d²) R (4AC - B2)

= (dp-2AB) = V (2Ap-2p)2-14AC-B2)(4gA#-22)

 $= \frac{1}{2} \times 12^{-2} - \frac{\alpha}{2A} + \frac{13}{2A} \cdot (y_{12})$ M=FL corce AB=L dm=dx m M= m dx w2x2gince.cosp =) $M = \frac{m}{l} w^2 \sin q \cos \varphi \frac{l^3}{3} = \frac{m l^2 w^2 \sin \varphi \cos \varphi}{3}$ = mw2x2singeosq dx dF=dm w2xsincp = m w2sincx xdx => $F = \frac{m}{l} w^2 \sin \varphi \frac{l^2}{2} = \frac{ml}{2} w^2 \sin \varphi$ Fees q => $L = \frac{ml^2 \omega^2 \sin \varphi \cos \varphi}{\frac{3}{2} \omega^2 \sin \varphi \cos \varphi}$ => SA = \(\left(\frac{m_1 \left(\frac{1}{3} \cup 2 \sinq \cos \varphi - \frac{m_2 \left(\frac{1}{3} \cup 2 \sinq \cos \varphi - \frac{1}{3} \sinq \cos \varphi - \frac{m_2 \left(\frac{1}{3} \cup 2 \sinq \cos \varphi - \frac{1}{3} \si -m, glsing) dep (m, -m2) = w2singcosq - (m, + m2) g & since - m, g since = 0 (m, -m) wit since cosq = (3m, + m) gsinq Mu sing = 0 pemenne orelagno => paule ne pacemas pubacies. cos q · lw2 (m, -m2) = q /3m, +2m2) => cosq= 3 q 2m, +2m2 $\Rightarrow \varphi = a + c \cos \left(\frac{3}{2} \frac{g}{\ell w^2} + \frac{3m_1 + 2m_2}{m_1 - m_2} \right)$

»/w =/a -006.

