201403525 AMA NOGENOS rest (1/ cox115 mor 302715618 50 116 (2) alma Jelister t 1.0 / 2.0 | 3.6 | 4.0 | 5.0 | 6.0 | Sec Ad = 2mm d(t) = Vt () OCIA MEILD REIL 25 (MONE ES LOCK DEIL ID SUE) X2 = (11-V)2 (19-2V)2- (33-3V)2- (40-4N)2- (49-5V)24 (67-6V)2 $\chi^2 = 91V^2 - 1838V - 9293$ $\frac{3\chi^{2}}{3V} = 172V - 1838 = 0$ $\frac{12N - 1838}{V_{min}} = \frac{1838}{132} = \frac{10.0989}{50} \frac{mn}{500}$ V= 10.1m , Sex . Sur 22 Dem V=10.0989 > 106 (2 $\chi^{2}_{nin} = (0.9)^{2} - (-1.2)^{2} - (-1.2)^{2} - (-0.4)^{2} - (-0.4)^{2} - (-0.4)^{2} = 12.11$ I'med = 1/min = 2.422 . pli coin 11273 3 per @ לנו עון סכיר, אב לחטת אנירון התיקות לי. שליאה ה-הית תחושר לפי שלילת תקיקת לי DV = 20 = + 2mm 177177 (4.30) sove is son Brev 03/mm C2 $\frac{\langle X \rangle = \Delta \langle X \rangle}{\sum (\Delta X_i)^2} = \frac{1}{\sum (\Delta X_i)^2} = \frac{1}{\sum (\Delta X_i)^2} = \frac{299789 \times 10^3}{(5 \times 10^3)^2} \times \frac{299789 \times 10^3}{(4 \times 10^3)^2}$ $-\frac{299797 \times 10^{3}}{(3 \times 10^{3})^{2}} \int_{-\frac{1}{2}}^{\frac{1}{2}} \frac{1}{(\frac{1}{3})^{2} - (\frac{1}{3 \times 10^{3}})^{2} - (\frac{1}{3 \times 10^{3}})^{2} - (\frac{1}{3 \times 10^{3}})^{2}} \frac{1}{(\frac{1}{3 \times 10^{3}})^{2} - (\frac{1}{3 \times 10^{3}})^{2} - (\frac{1}{3$ $= \frac{35.4131}{1.812 \times 10^{-7}} = \frac{1}{3.436 \times 16^{-4}} = \boxed{2.99,810,000 = 2909}$

(110 ± 10) M (10 ± 101) 11 M (01 ± 101). .(5±1)pm 1/2 (5.2322±0.001)pm :PALAILICI PIPE (5 $1) \sqrt{x} := \chi^{\frac{1}{2}} = df , \Delta x = \frac{1}{2\sqrt{x}} \Delta x = \frac{\Delta x}{2\sqrt{x}}$ 2) XY +X: $\Delta f = \sqrt{\frac{2x}{3+}} \Delta x)^{2/3+} \Delta y^{2} = \sqrt{(y-1)} \Delta x)^{2/2+} \Delta y^{2} = \sqrt{(y-1)} \Delta x)^{2/2+} \Delta y^{2} = \sqrt{(y-1)} \Delta x^{2/2} \Delta y^{2} = \sqrt{(y-1)} \Delta x^{2/2} \Delta y^{2} = \sqrt{(y-1)} \Delta x^{2/2} \Delta y^{2/2} = \sqrt{(y-1)} \Delta y^{2/2} \Delta y^{2/2} + \sqrt{(y-1)} \Delta y^{2/2} \Delta y^{2/2} + \sqrt{(y-1)} \Delta y^{2/2} \Delta y^{2/2} + \sqrt{(y-1)} \Delta y^{2/2} + \sqrt{(y-1)} \Delta y^{2/2} + \sqrt{(y-1)} \Delta y^{2/2} + \sqrt{(y-1)} \Delta y^$ 3) $2\sqrt{\frac{x^3}{2x}}$ $\Delta f = \sqrt{\frac{3x}{3x^2}} \Delta x^2 + \frac{x^3}{3y^3} \Delta x^2$ $\frac{\partial f}{\partial x} = \frac{2}{\sqrt{3y}} \left(x^{\frac{3}{2}} \right)^{\frac{1}{2}} = \frac{2}{\sqrt{3y}} \left(\frac{3}{2} \sqrt{x} \right) = \frac{3}{\sqrt{3y}} = \sqrt{\frac{3y}{y}}$ $\frac{\partial f}{\partial y} = 2\sqrt{3}x^{3}\left(\frac{3}{3}x^{3}\right)^{2} = 2\sqrt{\frac{x^{3}}{3}}\cdot\left(y^{\frac{-1}{2}}\right)^{2} = 2\sqrt{\frac{x^{3}}{3}}\cdot\left(y^{\frac{-1}{2}}\right)^{2} = -\sqrt{\frac{x^{3}}{3y^{3}}}$: Alpren size 6 t,- t2 => (35.230-15.710) ± At = 19.520 ± 0.014 1 = V(0.01)2-(0.01)2 = 0.0141 |F|=12/B| , |16107 160 | Las (0.02) (T/ = (16.0 = 2.0) MA, I./B/= (11.0 = 1.0) 1 B=11=16B B=11 Df= 1= \(\text{26}(\text{LOB})^2 \left(\text{BOE})^2 = 1 = \(\left(\text{LOB}^2 - \left(\text{U})^2 \text{AV}^2 = \sqrt{256} \text{AR}^2 - \text{RI} \frac{1}{4} \right)^2 $\left| \left(\frac{1 - 121}{64} \right) \frac{1}{256} \right| = \Delta B = \left| \frac{-57}{64.256} \right| = 0.059$ B=UB: 6.687 = 0.059) Tesla

F=(M,-M,)9 131166 NUN 6 Y = (4.923367/= 0.0037690)Xq = f(F)3/1/2 1 NO (DD0262H 0.000033) y= 9. F - 92 = 4.9233671 = 0.00 37690 9, = 1 $\Delta n = \frac{1}{x} = \frac{\partial n}{\partial x} \Delta x$ $M_1 + M_2 = \frac{1}{4.9233671}$ $=\left|\frac{1}{x^2}\right|\Delta x =$ $\Delta M = \frac{1}{(4.9233671)^2} = 0.00015444$ M=>(0.20311 ± 0.00015) kg = (203.11=0.15) gp (1) Alla 115-1 6 (0.002617±0.000033)N :1621A) פאן עבתר אר בא שלע ציר ע אאן אף $\frac{3\pi}{9} = M = 9 \qquad \left(9 = \frac{3\pi}{M}\right) \qquad Q = \frac{3\pi}{M} = \frac{3\pi}{M^2} \cdot \frac{3\pi}{M^2} \cdot \frac{3\pi}{M}$ $\Delta 9 = \left| \frac{\partial 9}{\partial m} \right| \Delta m = \frac{317}{m^2} \cdot \Delta m$ $P_{q}^{2} = -\sqrt{3}$ $P = \sqrt{3}$ Y = P, $X = \frac{1}{q}$ $\left| \frac{1}{3} + \frac{2}{3} m \cdot \Delta m \right| (10)$ M= 153=> /9223 SM= 103 / SM = 103 / SM = 103 gm $A = \frac{39}{30} \cdot 3m = \frac{2}{3} m \Delta m$ $M = -\sqrt{39} \cdot \frac{4}{9} = \frac{1}{3} \Delta m$ $b = \frac{3}{2\pi k}$, $M = \frac{3\pi}{9}$, X = q, Y = P (x) $9 = \frac{3\pi}{m}$ (Y = MX = b 2177) p2 = 3/1 . of - 3/1. $\Delta \gamma = \frac{\partial \gamma}{\partial m} \cdot \Delta m = \frac{3\pi \Delta m}{m^2}$ $h = \sqrt{\frac{3}{2\pi b}} \quad \Delta h = \left| \frac{\partial h}{\partial b} \right| \cdot \Delta b = \sqrt{\frac{3}{8\pi b^3}} \cdot \Delta b$ $\frac{\partial h}{\partial h} = \sqrt{\frac{3}{2\pi}} \cdot \left(b^{-\frac{1}{2}} \right)_{6} = \sqrt{\frac{3}{2\pi}} \frac{1}{2\sqrt{4^{3}}} = \sqrt{\frac{3}{9Fb^{3}}}$

$$Q = \frac{3\pi}{m} \pm \frac{3\pi \cdot \Delta m}{m^2}$$

$$h = \sqrt{\frac{3}{20b}} \pm \sqrt{\frac{3}{10b}} \cdot \Delta b$$

$$Pq = \sqrt{2\pi} + hq - 7 \quad P = \sqrt{2\pi} \cdot \frac{1}{q} + h$$

$$X = \frac{1}{q} \quad M = \sqrt{2\pi} \cdot \frac{1}{q} \quad M = h$$

$$A = \frac{2\pi}{2\pi} \cdot Am = \frac{2mAm}{2\pi} = \frac{mam}{2\pi}$$

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$$F = (\overline{m}_{1} - \overline{m}_{1}) \cdot g = (0.0328) \cdot g.81 = 0.321768$$

$$\Delta F = \left(\left| \frac{\partial F}{\partial m} \right| \cdot \Delta m_{1} \right)^{2} \cdot \left(\left| \frac{\partial F}{\partial m} \right| \cdot \Delta m_{1} \right)^{2} \cdot \left(\left| \frac{\partial F}{\partial g} \right| \cdot \Delta g \right)^{2} \right)^{\frac{2}{2}} = \left(\left| g \Delta m_{1} \right|^{2} \cdot \left| (g \Delta m_{1})^{2} \cdot (g$$

$$Q = \frac{F}{(m_1 + m_2)} = 1.9 \qquad Q = \frac{0.321}{0.23+2} = 1.3532 \frac{m}{52}$$

$$19 = \int \left(\frac{\partial^2 \Delta F}{\partial F}\right)^{2} \left(\frac{\partial^2 \Delta m_1}{\partial m_1}\right)^{2} - \left(\frac{\partial^2 \Delta m_2}{\partial m_1}\right)^{2} = 0.059$$