2019.

-, 1~3 FTF = , INS BDDCD.

$$=$$
 . (1) $\frac{1}{2}$ (2) (0,1) (3) $\ln(\text{Sec}(1))$

$$Q = \sqrt{\frac{(-1)^{n+1}}{\sqrt{n+9012} \ln n}}.$$

$$|Q_n| 单 液.$$

$$\frac{\overline{J}}{J}$$
, (1) $\int_{0}^{2\pi} \left| \frac{\sqrt{2}}{2} \right| \sqrt{1-r^2} \operatorname{Cr}(\omega_{5}\theta + 2) \operatorname{r} dz dr d\theta$

$$g(x,y,z) = \frac{x^2}{a^2} + \frac{y^2}{b^2} + \frac{z^2}{c^2} - 1$$

$$\nabla \vec{V} = \lambda \vec{V} \vec{g}$$

)
$$842 = \lambda \frac{24}{a^2}$$

$$\overrightarrow{T} = \left(\frac{1}{\sqrt{4t^2H}}, \frac{2t}{\sqrt{4t^2H}}\right)$$

$$\frac{dT}{dt} = (-\frac{4t}{(HH)^2}, \frac{2}{(HHt^2)^2})$$

$$k(1) = \frac{2}{545} \quad r = \frac{545}{2}$$

$$(1.1) + \frac{545}{2} \cdot \frac{1}{15}(-2.1) = \frac{1}{2}(+3.7)$$

$$(x+4)^2 + (y-\frac{7}{2})^2 = \frac{125}{4}$$

$$M = \int_{0}^{2} \int_{0}^{\sqrt{N}} \int_{0}^{\sqrt{N}^{2}} xy \, dz \, dy \, dx = \frac{32}{15}$$

$$Mxy = \frac{256}{105}$$

$$My z = \frac{8}{3}$$

$$Mx = \frac{32}{105}$$

$$Mx = \frac{32}{235}$$

$$\therefore \overline{x} = \frac{Mxy}{M} = \frac{5}{5}$$

$$y = \frac{Mxy}{M} = \frac{40\sqrt{2}}{71}$$

$$z = \frac{Mxy}{M} = \frac{8}{7}$$

$$x = y - x$$

$$x = y - x$$

$$x = 0$$

$$x$$

ナニ、ア·ア=6+4y Stocks' 定理。 JJJ C6+44)dV = Jo Jo (6+44) dをdydハ = Jo Jo Jo (6+445ine) ydをdrda = ルナ1 十三、Cosan-an=Cosbn

Cosan-Cosbn=an>0

=> O(an < bn

Entropy bn 投致 => lim bn=0

n=1 bn 投致 => lim an=0

o(lim an < bn :: liman=0

And And ...