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# 01		間却鏡法										

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1xZB+(86Z+xxZ) =+xZ = nene.

3.  $f(x,y,z) = \sin x \sin z + e^y - z$  とおく。  $(1) \qquad f(x,y,z) = 0$  区対し (x,y,z) = (0,0,1) の近く  $(1) \qquad f(x,y,z) = 0$  区対し (x,y,z) = (0,0,1) の近く  $(1) \qquad f(x,y,z) = 0$  区域 (x,y) = (0,0,1) の近く  $(1) \qquad f(x,y,z) = 0$  区域 (x,y) = (0,0,1) の近く  $(1) \qquad f(x,y,z) = 0$  (1) の近く  $(1) \qquad f(x,y,z) =$ 

 $\frac{1}{n^3} + \frac{1}{6n} \epsilon n + \frac{1}{n} \epsilon n + \frac{1}{n} \epsilon n + \frac{1}{n} \epsilon n + \frac{1}{n} \log (1 + 1)$   $\frac{1}{6n} + \frac{1}{6n} \epsilon n + \frac{1}{6n} \epsilon n + \frac{1}{n} \epsilon n + \frac{1}{n} \epsilon n + \frac{1}{n} \log (1 + 1)$   $\frac{1}{6n} + \frac{1}{6n} - \frac{1}{6n} + \frac{1}{6n} - \frac{1}{6n} + \frac{1}{6n} - \frac{1}{6n} + \frac{1}{6n$ 

 $0 = \frac{n^3}{sn} \min_{0 \le 1} (\frac{1}{n^3} + \frac{1}{sn}sd + \frac{1}{n}id + 1) \frac{1}{(n^3 + \frac{1}{sn}sd + \frac{1}{n}id + 1)} (\frac{1}{n} + 1) = 3$   $(2) \pm 1 + \frac{1}{sn}sd + \frac{1}{n}id + 1$   $(2) + \frac{1}{sn}sd + \frac{1}{n}id + 1$   $(3) + \frac{1}{sn}sd + \frac{1}{n}id + 1$   $(3) + \frac{1}{sn}sd + \frac{1}{n}id + 1$   $(4) + \frac{1}{sn}sd + \frac{1}{n}id + 1$   $(5) + \frac{1}{sn}sd + \frac{1}{n}id + 1$   $(6) + \frac{1}{n}id + 1$   $(7) + \frac{1}{sn}sd + \frac{1}{n}id + 1$   $(8) + \frac{1}{n}id + 1$   $(9) + \frac{1}{n}id + 1$   $(1) + \frac{1}{n}id + 1$   $(2) + \frac{1}{n}id + 1$   $(3) + \frac{1}{n}id + 1$   $(3) + \frac{1}{n}id + 1$   $(4) + \frac{1}{n}id + 1$   $(5) + \frac{1}{n}id + 1$   $(6) + \frac{1}{n}id + 1$   $(7) + \frac{1}{n}id + 1$   $(8) + \frac{1}{n}id + 1$   $(9) + \frac{1}{n}id + 1$   $(9) + \frac{1}{n}id + 1$   $(1) + \frac{1}{n}id + 1$   $(1) + \frac{1}{n}id + 1$   $(2) + \frac{1}{n}id + 1$   $(3) + \frac{1}{n}id + 1$   $(4) + \frac{1}{n}id + 1$   $(4) + \frac{1}{n}id + 1$   $(4) + \frac{1}{n}id + 1$   $(5) + \frac{1}{n}id + 1$   $(6) + \frac{1}{n}id + 1$   $(7) + \frac{1}{n}id + 1$   $(9) + \frac{1}{n}id + 1$   $(1) + \frac{1}{n}id + 1$   $(1) + \frac{1}{n}id + 1$   $(2) + \frac{1}{n}id + 1$   $(3) + \frac{1}{n}id + 1$   $(4) + \frac{1}{n}id + 1$   $(4) + \frac{1}{n}id + 1$   $(5) + \frac{1}{n}id + 1$   $(6) + \frac{1}{n}id + 1$   $(7) + \frac{1}{n}id + 1$   $(9) + \frac{1}{n}id + 1$   $(1) + \frac{1}{n}id + 1$   $(1) + \frac{1}{n}id + 1$   $(1) + \frac{1}{n}id + 1$   $(2) + \frac{1}{n}id + 1$   $(3) + \frac{1}{n}id + 1$   $(4) + \frac{1}{n}id + 1$   $(4) + \frac{1}{n}id + 1$   $(5) + \frac{1}{n}id + 1$   $(7) + \frac{1}{n}id + 1$   $(8) + \frac{1}{n}id + 1$   $(9) + \frac{1}{n}id + 1$   $(9) + \frac{1}{n}id + 1$   $(1) + \frac{1}{n}id + 1$   $(1) + \frac{1}{n}id + 1$   $(2) + \frac{1}{n}id + 1$   $(3) + \frac{1}{n}id + 1$   $(4) + \frac{1}{n}id + 1$   $(4) + \frac{1}{n}id + 1$   $(5) + \frac{1}{n}id + 1$   $(6) + \frac{1}{n}id + 1$   $(7) + \frac{1}{n}id + 1$   $(8) + \frac{1}{n}id + 1$   $(9) + \frac{1}{n}id + 1$   $(9) + \frac{1}{n}id + 1$   $(1) + \frac{1}{n}id + 1$   $(1) + \frac{1}{n}id + 1$  (2)

z = f(x,y) を  $D = \{(x,y) \in \mathbb{R}^2 : y+x>0, y-x>0\}$ 上の  $C^2$  秘閣数とする。2x = uv,  $4y = u^2 + v^2$  とする とき、 $\frac{\partial^2 z}{\partial v \partial u}$  を z O x, y に関する偏薄関数とx, y  $\subset$