

$$J = \begin{vmatrix} \frac{\partial u}{\partial n} & \frac{\partial u}{\partial y} \\ \frac{\partial v}{\partial n} & \frac{\partial v}{\partial y} \end{vmatrix} = \frac{J(u,v)}{J(u(n,y),v(n,y))}$$

$$\int = \frac{\partial(u_1 v)}{\partial(n_1 y)}, \quad \int = \frac{\partial(n_1 y)}{\partial(u_1 v)}$$

$$\int \int \int \int \partial(u_1 v) \frac{\partial(u_1 v)}{\partial(u_1 v)} \frac{\partial(u_1 v)}{\partial(u_1 v)}$$

$$\frac{\partial(u,v)}{\partial(\pi,y)} = \frac{\partial(u,v)}{\partial(\tau,0)} \cdot \frac{\partial(\tau,0)}{\partial(\pi,y)}$$

$$u(n,y) = u(y,n)$$

$$\begin{array}{c|c}
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\bigcirc(u,v)\\
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\bigcirc(u,v)\\
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\end{matrix}$$

$$\begin{array}{c}
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\bigcirc(u,v)\\
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\end{matrix}$$

$$\frac{y(y)}{y = x \cos \theta} = \frac{y - x \sin \theta}{y - x \sin \theta}$$

$$\frac{\partial n}{\partial r} = \frac{\partial y}{\partial r}$$

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$$\frac{\partial n}{\partial r} = \frac{\partial n}{\partial r}$$

$$\frac{\partial (n,y)}{\partial r} = \frac{\partial (n,y)}{\partial r} = \frac{\partial n}{\partial r}$$

$$\frac{\partial n}{\partial r} = -r \cos \theta$$

$$\frac{\partial n}{\partial r} = -r \sin \theta$$

$$\frac{\partial (n,y)}{\partial r} = r \cos \theta$$

$$\frac{\partial (n,y)}{\partial (n,y)} = r$$

$$\frac{\partial (n,y,z)}{\partial (n,y,z)} = r \sin \theta$$

$$\frac{\partial (n,y,z)}{\partial (n,y,z)} = r \sin \theta$$

$$\frac{\partial (n,y,z)}{\partial (n,y,z)} = r \sin \theta$$

$$\frac{\partial (n,y,z)}{\partial (n,y,z)} = r \cos \theta$$

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$$\frac{\partial (n,z)}{\partial (n,z)} = r \cos \theta$$

$$\frac$$

Problem! $U = \chi^2 - \gamma^2, \quad V = 2\alpha \gamma$ $\chi = \gamma \cos \theta, \quad \gamma = \gamma \sin \theta$ to find $\frac{\partial(u,v)}{\partial(x,0)}$ Formula by chain rule: $\frac{\partial(u,v)}{\partial(r,0)} = \frac{\partial(u,v)}{\partial(n,y)} \left(\frac{\partial(m,y)}{\partial(r,0)}\right)$ $\frac{\partial(y,v)}{\partial(r,0)} = 4r^3 + \frac{\partial(y,v)}{\partial(r,0)}$ $O\left(\frac{1}{2},\frac{1}{2}\right) = 0$ 2 (W,V,W) 0 (714/2 f(n,y,2,u,v,w) = 0 $f(\eta,y)=0$

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 $\frac{dy}{dn} = \frac{-\frac{3}{3n}}{3f}$

$$= \frac{1}{2(n-y)(y-2)(2-n)}$$

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