$$\begin{array}{ll}
\overline{(2)} & u_{1}(1/2) - xy^{2} + z^{3} - xy^{2} \\
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Hainn: 24 (A)

Poulerul:

$$\frac{\partial U}{\partial S}(b) = \left(\frac{181}{8} \cdot \nabla U\right)(b) = \frac{181}{6} \cdot \nabla U(b) = \frac{8 \cdot \nabla U(b)}{181}$$

$$\frac{3x}{31} = \frac{3}{3}(x^{3}x^{3} + 5^{3} - x^{3}x^{3}) = \lambda_{5} \frac{4}{3}(x) - \lambda^{5} \frac{4}{3}(x) =$$

$$\frac{\partial A}{\partial A} = \frac{\partial A}{\partial A} \left(X \lambda_5 + 5_3 - X \lambda_5 \right) = X \frac{\partial A}{\partial A} \left(\lambda_5 \right) - X 5 \frac{\partial A}{\partial A} \left(\lambda_5 \right) = 0$$

$$\Delta \Lambda\left(b\right) = \left(3^{1}\left(b\right)^{1} \cdot 3^{1}\left(b\right)^{1} \cdot 3^{1}\left(b\right)^{1}\right)$$

$$\frac{3V}{JX}(P) = y^2 - y^2 \Big|_{X=1, Y=1, \mathcal{E}=Z} 1^2 - 1!2 = 1 - 2! = -1$$

$$\frac{24}{39}|P) = 2xy - xz| = 2.11 - 1.7 = 2 - 2 = 0$$

$$\frac{\partial y}{\partial z}(p) = 3z^2 - xy = 3\cdot z^2 - 1 = 3\cdot 4 - 1 = 12 - 1 = 11$$

$$\frac{1}{2N}(P) = (64, 64, 64) \cdot (\frac{2N}{2N}(P), \frac{2N}{2N}(P), \frac{2N}{2N}(P)) = \frac{1}{2N}(P) + 64 \frac{2N}{2N}(P) = 11$$

$$= |2(-1)| + (-8) \cdot 0 + 9 \cdot 11 = -|2 + 0 + 99 = 99 - 12 = 87$$

$$= |3N(P)| - |3N(P)|$$

$$\frac{2N}{28}(P) = \frac{6 \cdot \nabla U(P)}{181} = \frac{87}{181}$$

Omben:
$$\frac{34}{38}(P) = \frac{87}{17}$$

fewerne2:

$$\frac{\partial \mathcal{U}}{\partial \mathcal{S}}(P) = \left(\frac{\overline{g}}{|\overline{g}|} \cdot \nabla u\right) (P) = \left(\frac{\overline{g}}{|\overline{g}|}\right) (P)$$

$$\frac{31}{31} = \frac{3}{31} \left(xy^2 + z^3 - xyz \right) = y^2 g_1(x) - y^2 g_1(x) =$$

$$\frac{5A}{311} = \frac{5A}{5}(XA_5 + 5_3 - XA_5) = X f^{2}(A_5) - X 5 f^{2}(A) =$$

$$= x_1 2y - x_2 \cdot 1 = 2xy - x_2$$

$$\frac{\partial U}{\partial z} = \frac{1}{32} \left(xy^2 + z^3 - xy^2 \right) = \frac{1}{32} \left(z^3 \right) - xy \frac{1}{34} \left(z \right) =$$

$$|\vec{b}| = |\vec{b}|^2 = |\vec{b}| = |(\vec{b}_x, \vec{b}_y, \vec{b}_z) \cdot (\vec{b}_x, \vec{b}_y, \vec{b}_z)| = |(\vec{b}_x^2 + \vec{b}_y^2 + \vec{b}_z^2)| = |(\vec{b}_x^2 + \vec{b}$$

$$\frac{2V}{28}(P) = \left(\frac{6 \cdot DV}{181}\right)(P) =$$

$$= \left(12y^2 + 27z^2 - 26yy - 12yz + 8zx\right) \cdot 17^{-1} =$$

$$= \left(12 \cdot 1^2 + 27 \cdot 2^2 - 26 \cdot 1 \cdot 1 - 12 \cdot 12 + 8 \cdot 2 \cdot 1\right) | 7^{-1} =$$

$$= \left(12 + 4 \cdot 27 - 25 - 24 + 16\right) | 7^{-1} =$$

$$= \left(12 + 108 + 16 - \left(25 + 24\right)\right) | 7^{-1} = \left(35 - 49\right) | 7^{-1} = \left(30 - 13\right) \cdot 17^{-1} =$$

$$= \frac{87}{17}$$
Diagon: $\frac{24}{28}(P) = \frac{87}{17}$