



```

a_{11} & a_{12} & \ldots & a_{1 n} \\
a_{21} & a_{22} & \ldots & a_{2 n} \\
\ldots & \ldots & \ldots & \ldots \\
a_{m 1} & a_{m 2} & \ldots & a_{m n}
\end{array} \right]

```

[illegible]
$$a_{\{1\}} + a_{\{2\}} + \ldots + a_{\{1\}n} + b_{\{1\}} \quad \parallel$$

$$a_{\{1\}} + a_{\{2\}} + \ldots + a_{\{2\}n} + b_{\{2\}} \quad \parallel$$

$$\ldots + \ldots + \ldots + \ldots + \ldots \quad \parallel$$

$$a_{\{m1\}} + a_{\{m2\}} + \ldots + a_{\{m\}n} + b_{\{m\}} \quad \parallel$$

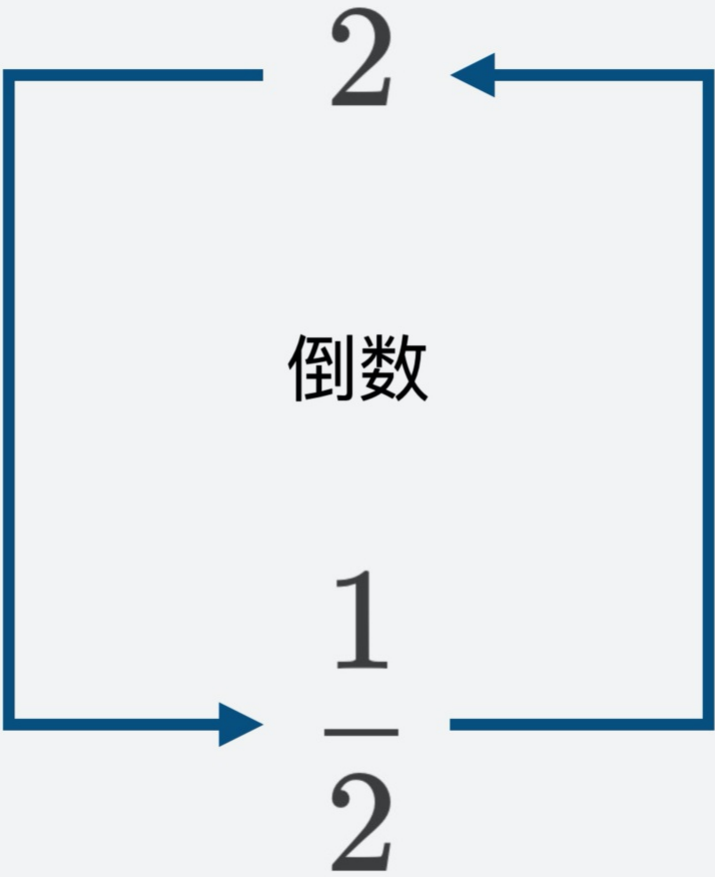
$$\end{array} \right]$$
[illegible]
$$\begin{array}{l} \text{\$} \\ \text{B}=\text{\textbackslash left\textbackslash begin\{array\}\{I\}} \\ \text{b}_{\{1\}} \\\text{\textbackslash} \\ \text{b}_{\{2\}} \\\text{\textbackslash} \\ \text{\textbackslash cdots} \\\text{\textbackslash} \\ \text{b}_{\{m\}} \\ \text{\textbackslash end\{array\}\text{\textbackslash right\}} \\ \text{\$} \end{array}$$
$$\hat{a}_1, \hat{a}_2 \in \mathbb{R}^3, \hat{a}_1 \cdot \hat{a}_2 = 0, \hat{a}_1 \cdot \hat{a}_3 = 0, \hat{a}_2 \cdot \hat{a}_3 = 0, \hat{a}_1 \cdot \hat{a}_4 = 0, \hat{a}_2 \cdot \hat{a}_4 = 0, \hat{a}_3 \cdot \hat{a}_4 = 0$$
$$\begin{array}{c} \text{\$} \\ X=\left\{\begin{array}{c} x_1 \\ x_2 \\ \vdots \\ x_n \end{array}\right\} \\ \text{\$} \end{array}$$
$$\begin{aligned} & \mathbb{E}[\mathbf{f}(\mathbf{a})^T \mathbf{c} \mid \mathbf{c} \in \mathcal{S} \mid \mathbf{a} = \mathbf{a}^*] = \mathbb{E}[\mathbf{f}(\mathbf{a})^T \mathbf{c} \mid \mathbf{c} \in \mathcal{S} \mid \mathbf{a} = \mathbf{a}^*] = \mathbb{E}[\mathbf{f}(\mathbf{a})^T \mathbf{c} \mid \mathbf{c} \in \mathcal{S} \mid \mathbf{a} = \mathbf{a}^*] \\ & \mathbb{E}[\mathbf{f}(\mathbf{a})^T \mathbf{c} \mid \mathbf{c} \in \mathcal{S} \mid \mathbf{a} = \mathbf{a}^*] = \mathbb{E}[\mathbf{f}(\mathbf{a})^T \mathbf{c} \mid \mathbf{c} \in \mathcal{S} \mid \mathbf{a} = \mathbf{a}^*] = \mathbb{E}[\mathbf{f}(\mathbf{a})^T \mathbf{c} \mid \mathbf{c} \in \mathcal{S} \mid \mathbf{a} = \mathbf{a}^*] \end{aligned}$$
[illegible]

éčšē;ĵā%éččš,èR<sup>2</sup>èšġ1/4(Eæ<sup>ˆ</sup>č),ā;ĵā½ ā<sup>-1</sup>čŸCé~µæœ%ā<sup>0</sup>†ā,ĒāRščš,ā<sup>0</sup>†èšġ1/4(EçŽ<sup>ˆ</sup>āœ<sup>ˆ</sup>æ<sup>ˆ</sup>ā)–ā†āžā□<sup>ˆ</sup>æŸçœçœçŸCé~µçš,āRšā<sup>10</sup>%āšāĒ.

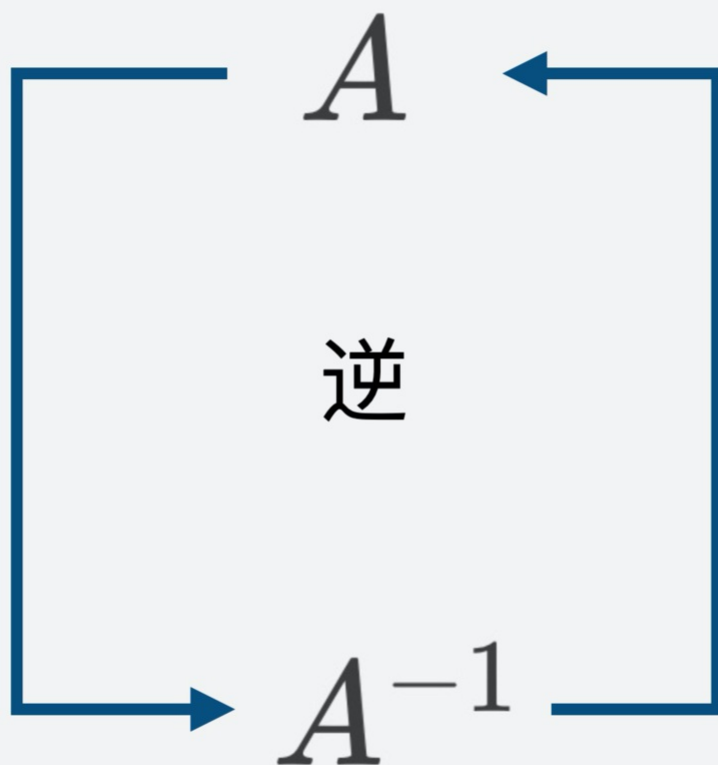
[illegible]
$$A = \left[ \begin{array}{cccc} a_{11} & a_{12} & \vdots & a_{1n} \\ a_{21} & a_{22} & \vdots & a_{2n} \\ \vdots & \vdots & \vdots & \vdots \\ a_{m1} & a_{m2} & \vdots & a_{mn} \end{array} \right]$$
[illegible][illegible][illegible]

[illegible]





ã...¶ã®zç†çŸŸ©ëµä!Ÿæœ%œççç±œä/4/çs,æç,âçµ†/4Œä"ä,èççæ¬†â†™æ³•ä,äçæ¬†/4Œæ¬†â»-ä/šæššçç†çŸŸ©ëµä†™æ¬†\$A^{(-1)}\$äç,é,ä,°ä»çä†ä,æ¬†\$frac{1}{1}\{A\}\$ä¬†ç†/4Ÿé,äæ¬†â»ä,°æ³•ä—læ—æ³•èççŸŸ©ëµç†™çäç,

[illegible][illegible]
$$\begin{aligned} & \mathbb{S}^{\wedge\{-1\}} = \left\lfloor \begin{array}{c} \mathbb{S} \\ a_{\{11\}} \& a_{\{12\}} \\\ a_{\{21\}} \& a_{\{22\}} \end{array} \right\rfloor \\ & \text{\texttt{\textbackslash end{\array}\right\wedge\{-1\}}} = \frac{\mathbb{S}}{a_{\{11\}} \ a_{\{12\}} \ a_{\{21\}} \ a_{\{22\}}} \\ & a_{\{22\}} \& -a_{\{12\}} \\\ & -a_{\{21\}} \& a_{\{11\}} \\ & \text{\texttt{\textbackslash end{\array}\right}} \\ & \mathbb{S} \end{aligned}$$
$$\acute{e}, f \text{æ}^{\wedge} \ddot{a} \gg -\acute{e}^{-} \nabla \dot{a}|, \dot{a}^{1/2} \cdot \acute{e}^{\alpha} \nabla \acute{e}^{-} \acute{e}; ^{TM} \text{æ}^{-} \ddot{a} \text{æ}^{-} \text{æ} \ell \S \text{f} \acute{a}' \text{c} i^{1/4} \ddot{Y}$$
[illegible][illegible][illegible]

è;è®ª¼-è;(Ėâ-â/ša {11} a {22}-a {12} a {21})šâ-ŷŷâ,ææææ-â-è-æžŸĈẽæ-â-ĕĕĕš,ŷ/Ėâ-è-æžè;(Ėâ-â/âĉ%âžè;ŷª±è;(Ėâĕ,æ'ĕĕĕš,ĕĕĕŸĈẽuĕš,Ĉ-æªŷŷæ-âĕæĕš,âžŸĕĕĕ.



[illegible]