$$\begin{array}{lll}
\mathcal{Z}_{3} & \mathcal{E}(\overline{A})^{2} - (\mathcal{E}\overline{A})^{2} \\
\mathcal{D} & \mathcal{E}(\overline{A})^{2} = \mathcal{E}(\mathcal{E}\overline{A})^{2} = \frac{1}{H^{2}}(\mathcal{E}A_{i}^{2} + \mathcal{E}A_{i}A_{i}^{2}) = \\
&= \frac{1}{H^{2}}((a^{2} + \delta^{2}) \cdot M + M(M-1) \beta \delta^{2}) = \\
&= \frac{1}{H}a^{2} + \frac{1}{H}\delta^{2} + \beta \delta^{2} - \frac{1}{H}\beta^{2} = \mathcal{E}A_{i}^{2} \\
\mathcal{D} & (\mathcal{E}\overline{A})^{2} + (\mathcal{E}\overline{A})^{2} + (\mathcal{E}\overline{A})^{2} = \mathcal{E}A_{i}^{2} = \mathcal{E}A_{i}^{2} \\
\mathcal{D} & (\mathcal{E}\overline{A})^{2} + (\mathcal{E}\overline{A})^{2} + (\mathcal{E}\overline{A})^{2} = \mathcal{E}A_{i}^{2} = \mathcal{E}A_{i}^{2} = \\
\mathcal{D} & (\mathcal{E}\overline{A})^{2} + (\mathcal{E}\overline{A})^{2} + (\mathcal{E}\overline{A})^{2} = \mathcal{E}A_{i}^{2} = \mathcal{E}A_{i}^{2} = \\
\mathcal{D} & (\mathcal{E}\overline{A})^{2} + (\mathcal{E}\overline{A})^{2} + (\mathcal{E}\overline{A})^{2} = \mathcal{E}A_{i}^{2} = \mathcal{E}A_{i}^{2} = \\
\mathcal{D} & (\mathcal{E}\overline{A})^{2} + (\mathcal{E}\overline{A})^{2} + (\mathcal{E}\overline{A})^{2} = \mathcal{E}A_{i}^{2} = \mathcal{E}A_{i}^{2} = \\
\mathcal{D} & (\mathcal{E}\overline{A})^{2} + (\mathcal{E}\overline{A})^{2} + (\mathcal{E}\overline{A})^{2} = \mathcal{E}A_{i}^{2} = \\
\mathcal{D} & (\mathcal{E}\overline{A})^{2} + (\mathcal{E}\overline{A})^{2} + (\mathcal{E}\overline{A})^{2} = \mathcal{E}A_{i}^{2} = \\
\mathcal{D} & (\mathcal{E}\overline{A})^{2} + (\mathcal{E}\overline{A})^{2} + (\mathcal{E}\overline{A})^{2} = \mathcal{E}A_{i}^{2} = \\
\mathcal{D} & (\mathcal{E}\overline{A})^{2} + (\mathcal{E}\overline{A})^{2} + (\mathcal{E}\overline{A})^{2} = \mathcal{E}A_{i}^{2} = \\
\mathcal{D} & (\mathcal{E}\overline{A})^{2} + (\mathcal{E}\overline{A})^{2} = \mathcal{E}\overline{A}_{i}^{2} = \mathcal{E}\overline{A}_{i}^{2} = \\
\mathcal{D} & (\mathcal{E}\overline{A})^{2} + (\mathcal{E}\overline{A})^{2} = \mathcal{E}\overline{A}_{i}^{2} = \mathcal{E}\overline{A}_{i}^{2} = \\
\mathcal{D} & (\mathcal{E}\overline{A})^{2} + (\mathcal{E}\overline{A})^{2} = \mathcal{E}\overline{A}_{i}^{2} = \mathcal{E}\overline{A}_{i}^{2} = \\
\mathcal{D} & (\mathcal{E}\overline{A})^{2} + (\mathcal{E}\overline{A})^{2} = \mathcal{E}\overline{A}_{i}^{2} = \mathcal{E}\overline{A}_{i}^{2} = \mathcal{E}\overline{A}_{i}^{2} = \\
\mathcal{D} & (\mathcal{E}\overline{A})^{2} + (\mathcal{E}\overline{A})^{2} = \mathcal{E}\overline{A}_{i}^{2} = \mathcal{E}\overline{A}_{i}^{2} = \mathcal{E}\overline{A}_{i}^{2} = \mathcal{E}\overline{A}_{i}^{2} = \mathcal{E}\overline{A}_{i}^{2} = \\
\mathcal{D} & (\mathcal{E}\overline{A})^{2} + (\mathcal{E}\overline{A})^{2} = \mathcal{E}\overline{A}_{i}^{2} = \mathcal{E}$$