

$$\left(\begin{array}{c} \underline{a_{1j_1}} \dots\dots\dots \\ \left[\frac{\int_1^2 f(x)dx}{a_{2j_2}} \right] \dots\dots\dots \\ \qquad \qquad \qquad \ddots \\ \qquad \qquad \qquad \underline{agggggggggg_{rj_r}} \dots\dots \end{array} \right)$$