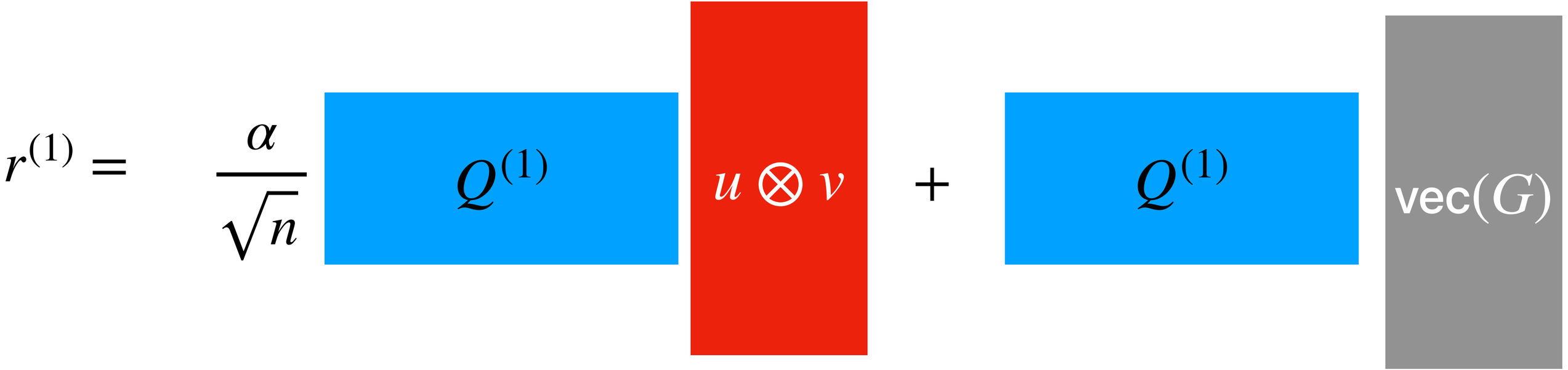
Deterministic Algorithm

- Stack $S_1^{(1)}, \ldots, S_t^{(1)}$ to get a matrix $Q^{(1)}$


$r^{(1)} = \frac{\alpha}{\sqrt{n}} Q^{(1)} (u \otimes v) + Q^{(1)} \mathrm{vec}(G)$

- Based on $r^{(1)}$ pick $Q^{(2)}[r^{(1)}]$

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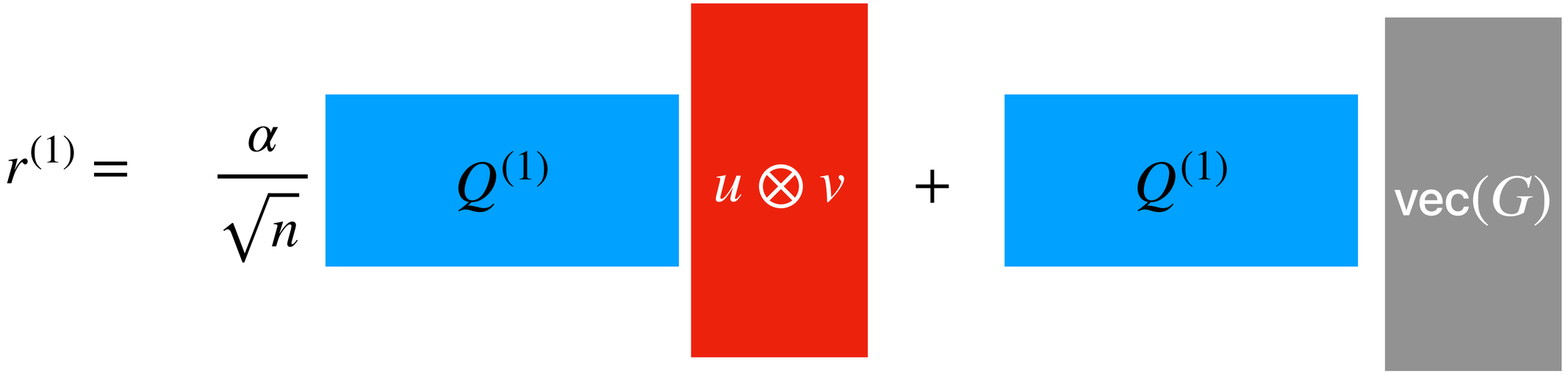
Deterministic Algorithm

- Stack $S_1^{(1)}, \ldots, S_t^{(1)}$ to get a matrix $Q^{(1)}$



- Based on $r^{(1)}$ pick $Q^{(2)}[r^{(1)}]$

Bayes Risk Lower Bounds