

$$\begin{aligned} \text{SCORE}(x_{0n}, y_{0m}) = & \\ & \max_t \left[\text{SCORE}(x_{0t}, y_{0\frac{m}{2}}) \right. \\ & \left. + \text{SCORE}(x_{tn}, y_{\frac{m}{2}m}) \right] \end{aligned}$$