

$$t_{\text{ep}}(\mathbf{s}, \mathbf{v}) \equiv \begin{cases} \Theta(\mathbf{s}, \mathbf{v}, \text{DTHR}, -1) & \text{if } \mathbf{s} \cdot \mathbf{v} < 0 \text{ and } \Delta(\mathbf{s}, \mathbf{v}, \text{DTHR}) \geq 0, \\ -1 & \text{otherwise,} \end{cases}$$