



A connected DFA with an f -corner v and a g -corner u . Here, $f : \Psi^* \rightarrow \{-1, 1\}$ is a function in which a word is positive if and only if it begins with red (dashed) or blue (solid), and $g : \Psi^* \rightarrow \{-1, 1\}$ is a function in which a word is positive if and only if it does not begin with red (dashed).