THEOREM 3.1. *The operation INSERT(R_u, T) is irrelevant to the derived relation defined by $E = (\mathbf{A}, \mathbf{R}, \mathscr{C})$, $R_u \in \mathbf{R}$, if and only if $\mathscr{C}[t]$ is unsatisfiable for every tuple $t \in T$.*