Definition 12

For any ground clause C,

$$R_C := \bigcup_{C \succ_c D} \epsilon_D$$

and if C is

- contained in $Gr(S)$;
- C of the form $\Gamma \to l \approx r, \Delta$, where $l \succ r$, $l \succ \Gamma$, $l \approx r$ is strictly maximal with respect to equations in Δ and nothing is selected in C;
- false in R_C;
- l is irreducible by R_C
- $R_C^* \not\models r \approx t'$ for every $l \approx t' \in \Delta$

then $\epsilon_C := \{l \to r\}$, otherwise $\epsilon_C := \emptyset$.

$R_S = \bigcup_{D \in S} \epsilon_D$.