

w_state_after^{11,40}

$\text{state_after}(e) \equiv_{\text{def}} \text{state_after}(e)$

clarification:

$\text{w_state_after}(w;e)$
 $\equiv_{\text{def}} \text{state_after}(e; \lambda e. \text{w_info}(w;e); \lambda e. \text{w_pred}(w;e); \lambda i, x. \text{w_s}(w; i; 0; x); \lambda i.$
 $\quad (\text{w_machine}(w; i).2).1; \lambda e. \text{w_eval}(w; e); \lambda e. \text{w_time}(w; e))$