

w-index^{11,40}

$$\text{index}(e) \equiv_{\text{def}} \|\text{rcvs}(\text{lnk}(\text{kind}(e)); \text{time}(e))\| - \|\text{snds}(\text{lnk}(\text{kind}(e)); \text{time}(\text{sender}(e)))\|$$

clarification:

$$\begin{aligned} & \text{w-index}(w; e) \\ \equiv_{\text{def}} & \|\text{w-rcvs}(w; \text{lnk}(\text{w-ekind}(w; e)); \text{w-time}(w; e))\| \\ & - \|\text{w-snds}(w; \text{lnk}(\text{w-ekind}(w; e)); \text{w-time}(w; \text{w-sender}(w; e)))\| \end{aligned}$$