$$\begin{array}{l} \varphi_1 \, \mathbb{W} \, \varphi_2 \, = (\varphi_1 \, \mathbb{U} \, \varphi_2) \, \vee \, \mathbb{G} \, \varphi_1 \\ \\ \overset{\mathtt{dsc,t}}{=} \, \frac{[\varphi_1] \, \mathbb{U} \, ([\varphi_2] \, \wedge \, ([\varphi_1] \, \vee \, sing) \, \wedge \, alive)) \, \vee \\ \\ \overset{\mathtt{dsc,t}}{=} \, \mathbb{G}(\![\varphi_1] \, \vee \, \neg alive) \end{array}$$