$$
\begin{aligned}
x &= \frac{-b \pm \sqrt{b^2 - 4ac}}{2a} \\
&= \frac{-2 \pm \sqrt{2^2 - 4 * (1) * 1(-8)}}{2 * 1} \\
&= \frac{-2 \pm \sqrt{4 + 32}}{2}
\end{aligned}
$$

$$
\begin{aligned}
\varphi_\sigma^\lambda A_t &= \sum_{\pi \epsilon c_t} \operatorname{sgn}(\pi) \varphi_\sigma^\lambda \varphi_\pi^\lambda \\
&= \sum_{\tau \epsilon C_{\sigma t}} \operatorname{sgn}(\sigma^{-1} \tau \sigma) \varphi_\sigma^\lambda \varphi_{\sigma^{-1}\sigma}^\lambda \\
&= \mathrm{A}_\sigma \, \mathrm{t} \, \varphi_\sigma^\lambda
\end{aligned}
$$