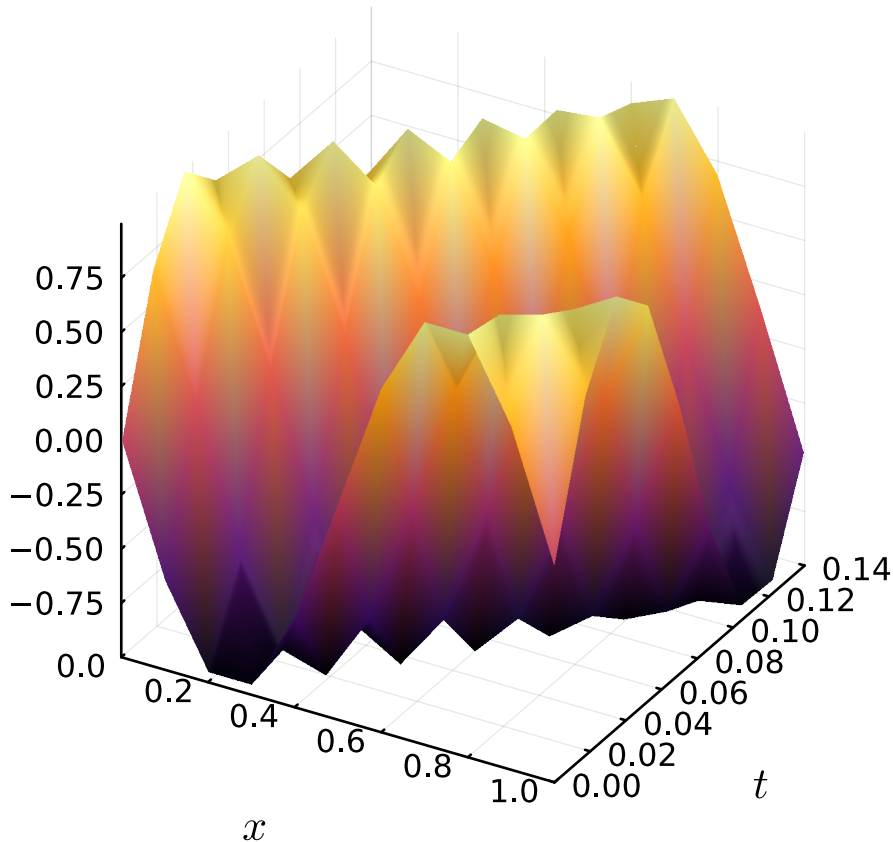$\mathrm{re}(U_{\mathrm{TW}})$