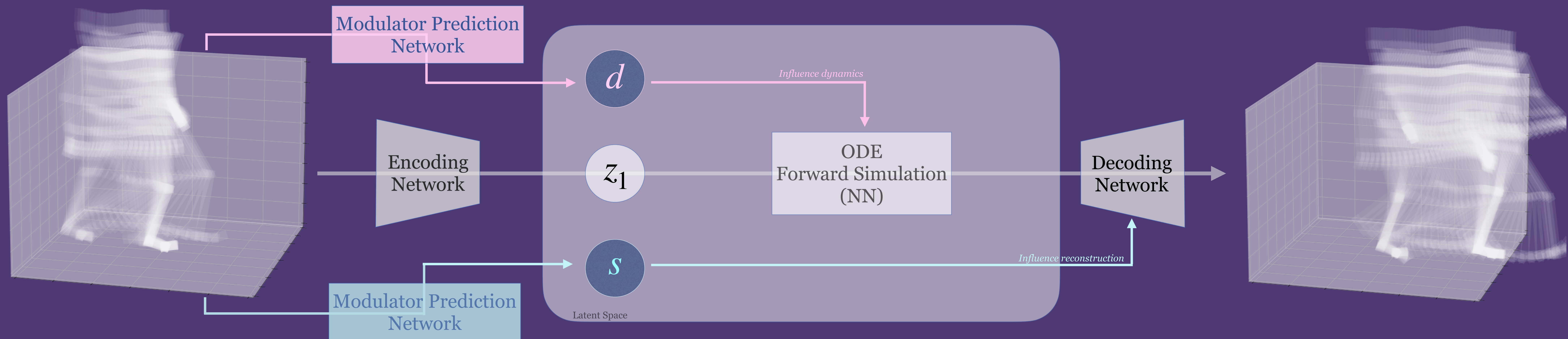# Modulated Neural ODEs

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Key Idea

We introduce **dynamics** and **static modulators**
that allow to separate *static factors of variation* from the *changing latent dynamic ODE state*

Key Benefit

MoNODE accounts for model variation through *time-invariant modulator variables* resulting in
an *ODE state* that is **consistent** with the **true dynamics** and
modulator variables that **correlate** with the **true unknown factors of variation**