



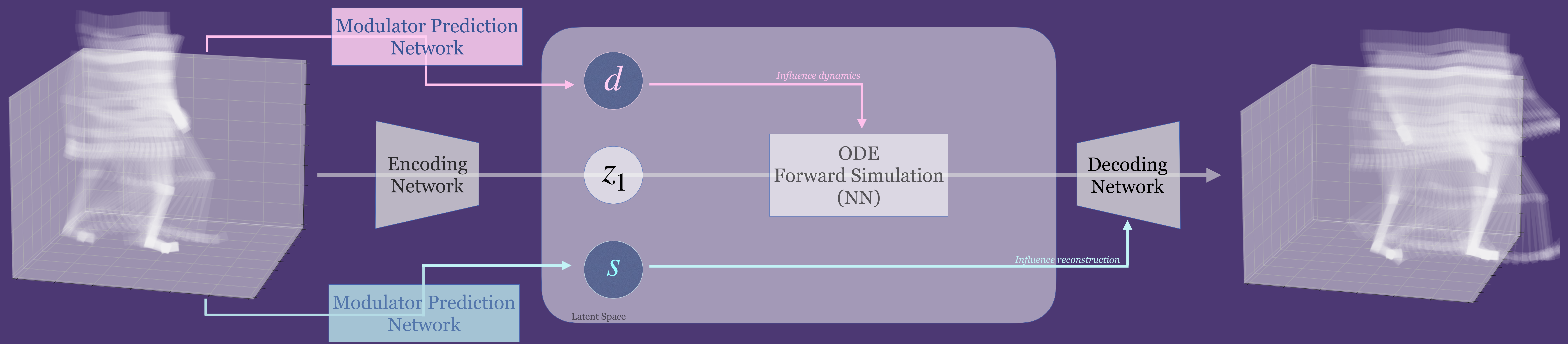
Modulated Neural ODEs

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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**

