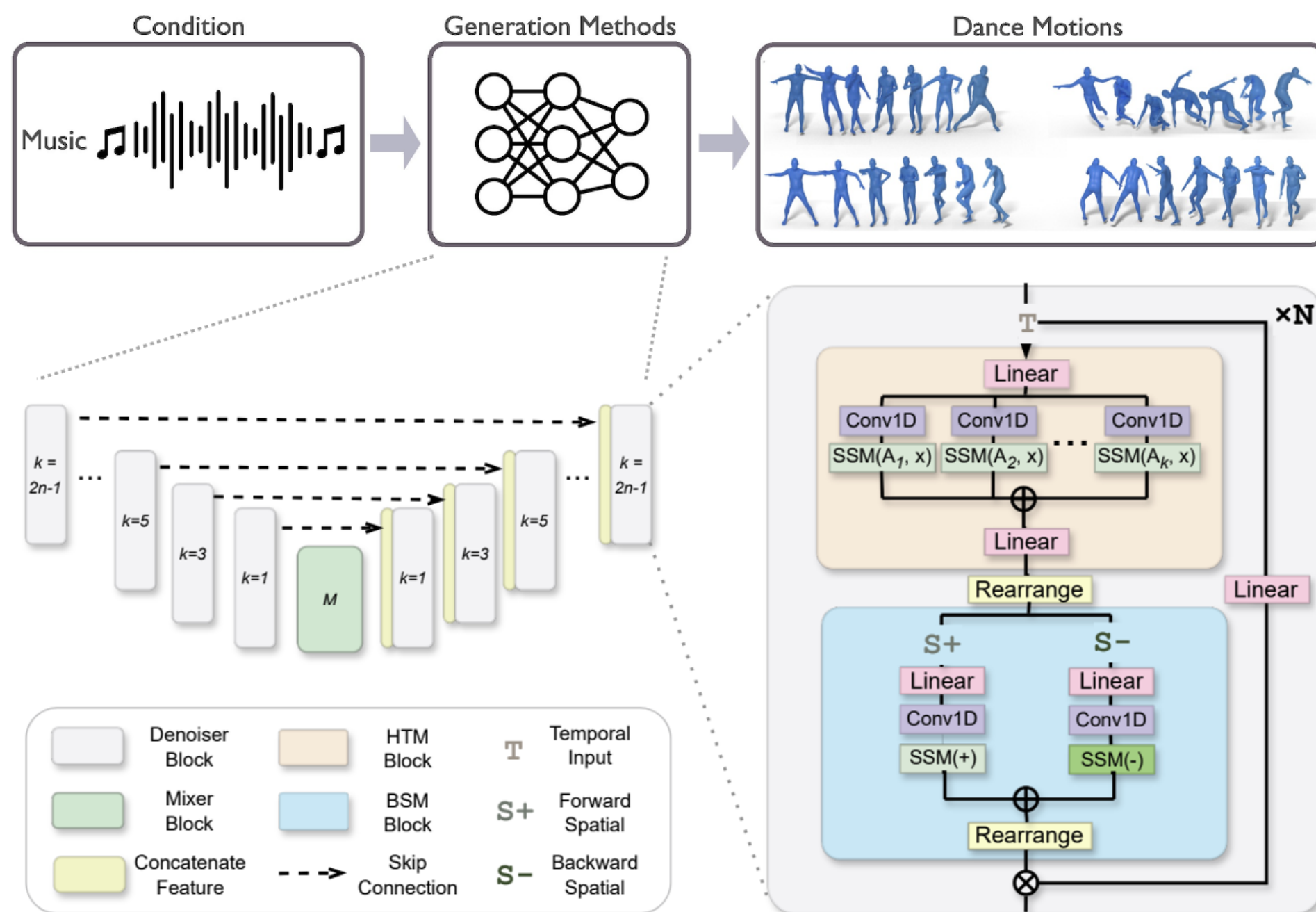


Music-Driven 3D Dance Generation

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Finding

For music representation, beat information plays a crucial role in the task of generating dance movements from music, but also restrain the generative model from learning more flexible and diverse dance movement. For dance motions, the naturalness hasn't been fully addressed by current works, foot sliding still exists.

Question

What features of music most significantly influence dance movements? How can we map these musical features to corresponding dance movements in a way that is both artistically expressive and technically accurate?