

## **Mats Sigvard Johansson**

### ***A Multidimensional Model of Non-Isochronous Musical Meters***

This paper examines different concepts and models of performance timing and musical meter in light of a case that illustrates some of the challenges of developing a general theory. In the musical example analyzed – a Swedish *Polska* tune played on the fiddle – there seemingly are no isochronous metric levels (measure, beat, subdivision), while the global tempo is kept constant. Given these observations, the aim is to consider the explanatory potential of different models of metrical coherence. The paper concludes by offering an alternative framework for understanding how temporal relationships can be controlled and form coherent patterns despite vast irregularities on all metric levels.