

## **Faithfulness based opacity in Harmonic Serialism**

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Phonological opacity is classically difficult to analyze in Optimality Theory. Analyses of opacity in Harmonic Serialism (HS) (McCarthy, 2007a; Jarosz, 2014) have included significant elaborations to the theory despite the addition of a serial framework. We propose an analysis of counterbleeding and counterfeeding interactions in HS using only two types of specific faithfulness constraints: Contextual Faithfulness and Faith-UO. These constraints are highly specific to each interaction, therefore we argue that they are induced on a per language basis. This avoids poor typological predictions that would result if they were included in universal Con and freely re-rankable. We provide a preliminary sketch of an induction algorithm which will only induce these faithfulness constraints when presented with opaque data.