

## Spektrum Gstar(1;1)

<b>Title</b>	Spektrum Gstar(1;1)
<b>Author Order</b>	of
<b>Accreditation</b>	
<b>Abstract</b>	In this paper we formulate the spectrum (spectral density matrix) of the stationary GSTAR(1;1) model by considering the model as VMA( $\hat{A}, \hat{B}, \hat{C}, \hat{D}$ ). The spectrum can be obtained by following steps: represent the model as an VMA( $\hat{A}, \hat{B}, \hat{C}, \hat{D}$ ) and convert the model to the backward operator form, then substitute the coefficient model to the spectrum of VMA( $\hat{A}, \hat{B}, \hat{C}, \hat{D}$ ) model. The procedure of finding spectrum of GSTAR(1;1) which parameters are given, is illustrated by a two dimensional GSTAR(1;1) model.
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