

 $p(\mu,t_0|oldsymbol{w}) \propto p(oldsymbol{w}|\mu,t_0)p(\mu,t_0)$,

JNE

$$p(\boldsymbol{w}|\boldsymbol{\mu}, t_0) = \sum_{\boldsymbol{z}} p(\boldsymbol{w}|\boldsymbol{z}) p(\boldsymbol{z}|\boldsymbol{\mu}, t_0)$$







BAYESIAN METHOD FOR WAVEFORM ANALYSIS WITH GPU ACCELERATION Yuyi Wang <wangyy21@mails.tsinghua.edu.cn>

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$$\sqrt{\operatorname{Var}[\hat{\mu}]/\operatorname{E}[\hat{\mu}]}$$

$$\sqrt{\frac{\operatorname{Var}[\hat{t} - t_0]}{\operatorname{Var}[\hat{t}_{\mathrm{ALL}} - t_0]}}$$



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