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 $\leftarrow \cdots \cdots \cdots \rightarrow$ 

$$\text{KL}(q(\boldsymbol{\theta}) \parallel p(\boldsymbol{\theta} \mid \mathbf{y}_{1:n})) \left( \begin{array}{l} \text{---} \log p(\mathbf{y}_{1:n} \mid \boldsymbol{\theta}) \\ \text{---} \text{ELBO}(q, \boldsymbol{\theta}) = \int q(\boldsymbol{\theta}) \log \frac{p(\mathbf{y}_{1:n} \mid \boldsymbol{\theta})}{q(\boldsymbol{\theta})} d\boldsymbol{\theta} \end{array} \right)$$