

epistemic + aleatory $\rightarrow \sigma_N$

$\frac{\sigma_N}{\sqrt{N}}$ + aleatory $\rightarrow \sigma_N$

$$\hookrightarrow \text{aleatory} = \sigma_N - \frac{\sigma_N}{\sqrt{N}} = \frac{\sigma_N \sqrt{N} - \sigma_N}{\sqrt{N}} = \frac{1}{\sqrt{N}} (\sqrt{N} - 1) \sigma_N \quad ??$$