Underlying function $g(x)$ with added Gaussian noise of variance $\text{mvar}(u(x)) = 0.5$.

Filtered with $m = 4$ and $nl = nr = 10$.

Filtered with $m = 4$ and $nl = nr = 60$. 

---

- Dashed line: Underlying function $g(x)$
- Dotted line: $g(x)$ with added Gaussian noise of variance $\text{mvar}(u(x)) = 0.5$
- Blue line: Filtered with $m = 4$ and $nl = nr = 10$
- Red line: Filtered with $m = 4$ and $nl = nr = 60$