

white gaussian Noise



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graph LR; A[white gaussian Noise] --> B[White Noise Filter AR-Model h[k]]; B --> C[real sensor noise]
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The diagram illustrates a signal processing block. On the left, the text "white gaussian Noise" is positioned above a horizontal arrow pointing to the right. This arrow enters a large, rounded rectangular block. Inside this block, the text "White Noise Filter" is at the top, followed by "AR-Model" in the middle, and  $h[k]$  at the bottom. A second horizontal arrow exits the right side of the block, pointing to the right, with the text "real sensor noise" positioned above it.

White Noise Filter

AR-Model

$h[k]$

real sensor noise