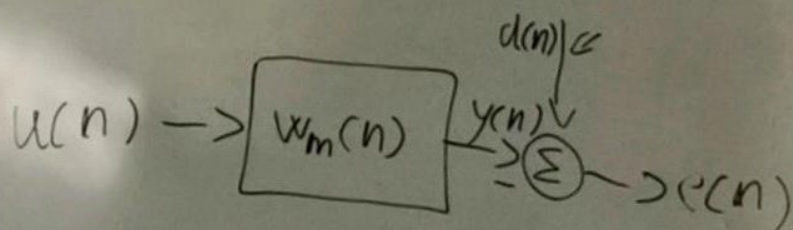Still no Peter[14]

1. Block diagram

$u(n) = x(n) + v(n)$

$u(n) = $ primary mic
$x(n) = $ music
$v(n) = $ noise
$d(n) \approx$ reference a version of noise

Build a filter that predicts the noise in $u(n)$ from $d(n)$

Prediction: $\hat{v}(n) = w_m(n) \cdot d(n)$

Cleaned output: $y(n) = u(n) - \hat{v}(n)$