See fail sisaldab mõnede õpikus “Adaptiivsed filtrid nong nened rakendused sidesüsteemides” esinevate vigade paranduse.

lk. 10 valem 3.8 on:

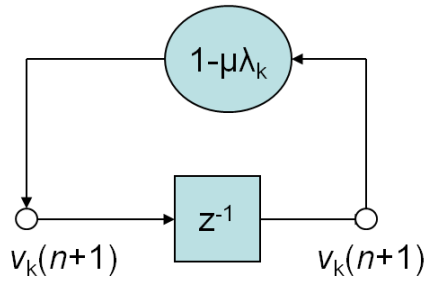
$$\frac{\partial e(n)}{\partial a_k} = -x(n-k)$$
$$\frac{\partial e^*(n)}{\partial a_k} = -x^*(n-k)$$
$$\frac{\partial e(n)}{\partial a_k} = -jx(n-k)$$
$$\frac{\partial e^*(n)}{\partial a_k} = -jx^*(n-k)$$

peab olema

$$\frac{\partial e(n)}{\partial a_k} = -x(n-k)$$
$$\frac{\partial e^*(n)}{\partial a_k} = -x^*(n-k)$$
$$\frac{\partial e(n)}{\partial b_k} = jx(n-k)$$
$$\frac{\partial e^*(n)}{\partial b_k} = -jx^*(n-k)$$

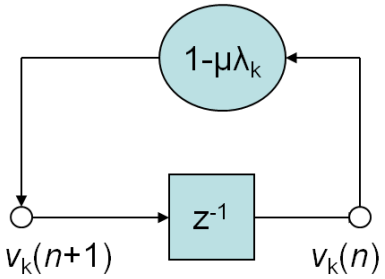
lk.31, joonis 20

on



Joonis 1. Kiireima languse meetodi lihtsustatud signaaligraaf

Peab olema



Joonis 2. Kiireima languse meetodi lihtsustatud signaaligraaf

Valem 5.3 lk.36

on $\hat{\mathbf{R}}(n)=\mathbf{x}(n)\mathbf{x}^H(n)$
$\hat{\mathbf{p}}(n)=\mathbf{x}(n)d(n)$

peab olema $\hat{\mathbf{R}}(n)=\mathbf{x}(n)\mathbf{x}^H(n)$
$\hat{\mathbf{p}}(n)=\mathbf{x}(n)d^*(n)$

Valem 5.4 lk. 36

on $\hat{\nabla}J(n)=-2\mathbf{x}(n)d(n)+2\mathbf{x}(n)\mathbf{x}^H(n)\hat{\mathbf{w}}(n)$

peab olema $\hat{\nabla}J(n)=-2\mathbf{x}(n)d^*(n)+2\mathbf{x}(n)\mathbf{x}^H(n)\hat{\mathbf{w}}(n)$

Valem 9.27, lk. 91

on $P_i(n) = \lambda P_i(n) + (1-\lambda)|X_i(n)|^2$

peab olema $P_i(n) = \lambda P_i(n-1) + (1-\lambda)|X_i(n)|^2$