

## Il Charge Pump Phase Locked Loop – Modelli e simulazioni

Luca Collamati

### Errata - corrige

#1	
pagina	262
errata	$G(\Delta f) = Q \Delta f / f_0$
corrige	$ G(\Delta f)  =  G_0 - Q \Delta f  / f_0$
#2	
pagina	262
errata	$x_{out}(\Delta f) = x_{in}(\Delta f) A / (1 + A Q \Delta f / f_0) \approx x_{in}(\Delta f) (f_0 / Q) / \Delta f$
corrige	$ x_{out}(\Delta f)  \approx  x_{in}(\Delta f)  (f_0 / Q) /  \Delta f $
#3	
pagina	278
errata	$\sigma_I^2 / \Delta f = 8 k T \gamma I_{DS} / (V_{GS} - V_{th})^2 = 8 k T \gamma I_{DS} / V_{ov}^2$
corrige	$\sigma_I^2 / \Delta f = 8 k T \gamma I_{DS} / (V_{GS} - V_{th}) = 8 k T \gamma I_{DS} / V_{ov}$
#4	
pagina	284
errata	$10 \log_{10}(16 k T \gamma I_{cp} / V_{ov}^2)$
corrige	$10 \log_{10}(16 k T \gamma I_{cp} / V_{ov})$