Dicetisation.

Fletholy iterative

Imposer la · Centraintes

& fetit plu de ten mais convergence

a adoptative

Contrainte q(1+1)

Impose, es contrainte, à chaque itérations

- Support

- Zero row ly bork

- Positivisa

Critair avec les pais.

$$J(t) = ||g - H_{t}||_{W_{t}}^{2} + \lambda || ||_{W_{t}}$$

$$= \sum_{i} (g_{i} - (H_{t})_{i})^{2} + \lambda \sum_{i} \frac{f_{i}^{2}}{f_{i}^{2}}$$

MMAP 9= H++E

 $\leq \sim N(\epsilon | 0, \forall I) \Rightarrow P(9|f) = N(9)H^{\dagger}, \forall \in I)$ Visitable $f \sim N(f) \circ f(f) = N(g)H^{\dagger}, \forall \in I$

 $P(g|f) \ll \exp(-\frac{1}{2v_{E}} \|g - H f\|^{2}) \longrightarrow P(f) \ll \exp(-8 \|f\|_{1})$ $P(f|g) = \frac{P(g|f) P(f)}{P(g)} \ll P(g|f) P(f)$ $P(g) = \int P(g|f) P(f) df$

 $P(+15) \propto ext(-\frac{1}{2x}||5-14||^2 - \frac{1}{2x}||4||^2)$ $\frac{1}{2x} J(4)$ $J(4) = ||9-14||^4 + \frac{1}{2x}||4||^2$ $f_{MAP} = ars \max_{x} P(+15) = ars \min_{x} J(x)$

Bayesian advantats
$$P(\pm 19) \propto \exp(-\frac{1}{24} J(\pm))$$

$$= N(\pm 1) \hat{\gamma}, \hat{\gamma}$$

$$J(4) = (4-\hat{\gamma})\hat{J}(4-\hat{\gamma})$$

$$\{\hat{H} = \hat{f}_{MAP} = (H^{\dagger}H + \lambda I)^{-1}H^{\dagger}g$$

$$= V_{\epsilon}(H^{\dagger}H + \lambda I)^{-1}H^{\dagger}g$$
matrice covariance

a posteriori.

2 = VE Vg Elécuts diajonaix pouvent être utilités Pour neethre de home d'espen

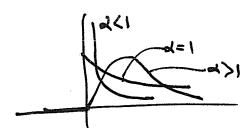
$$D: (V_{\xi}, V_{\xi}) \quad \text{hyperformatine} \quad \begin{cases} & \text{Y} \\ & \text{P(V_{\xi})} \text{P(V_{\xi})} \end{cases} P(V_{\xi}) \\ P(\xi, \Theta | 9) = \frac{P(9|\xi, \theta_{i})}{\Gamma(5)} P(\xi|\theta_{i}) P(\theta_{i})$$

Opt. alternée

$$\theta^{(0)}$$
, $f^{(0)}$
 $f^{(h+1)} = arsmax P(f, $\theta^{(h)})9$)
 $\theta^{(h+2)} = arsmax P(f^{(h+1)} o 19)$$

$$P(v_{\xi}) = IG$$

$$P(v_{\xi})$$



$$\int_{g_{g}} (w) = |H(w)|^{2} S_{f_{g}}(w) + S_{g_{g}}(w)$$

$$S_{g_{g}}(w) = |H^{\#}(w)| S_{f_{g}}(w)$$

Colon of

$$\frac{\partial w}{\partial w} = 0 \implies W(w) = \frac{H'(w)}{|H(w)|^2 + \frac{s_{\text{EE}}(w)}{s_{\text{F}}(w)}}$$

SEE(W) DSP du brut

Sep (u) DSP du mjml

optimale

肾利