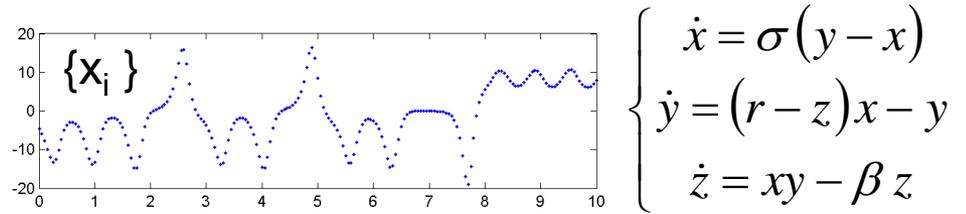


Identification des paramètres du modèle de Lorenz en contexte perturbé, par une approche de stratégie d'évolution

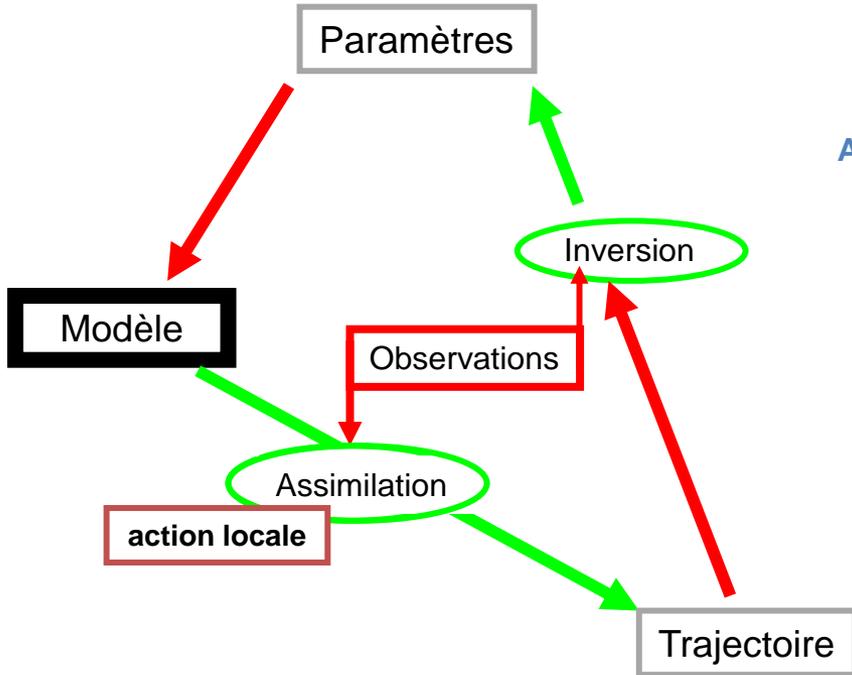


Mangiarotti S. & Schoenauer M.



Variables intégrées:
 $x(t), y(t), z(t)?$

Paramètres:
 $\sigma? r? \beta?$



Algorithme de Stratégie d'Evolution CMA-ES

Hansen et al. (2003)

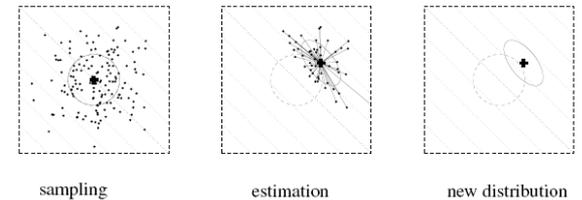
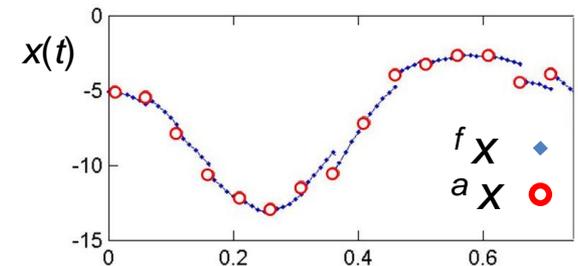
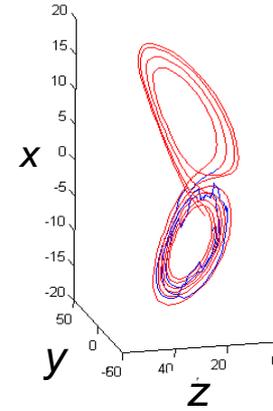
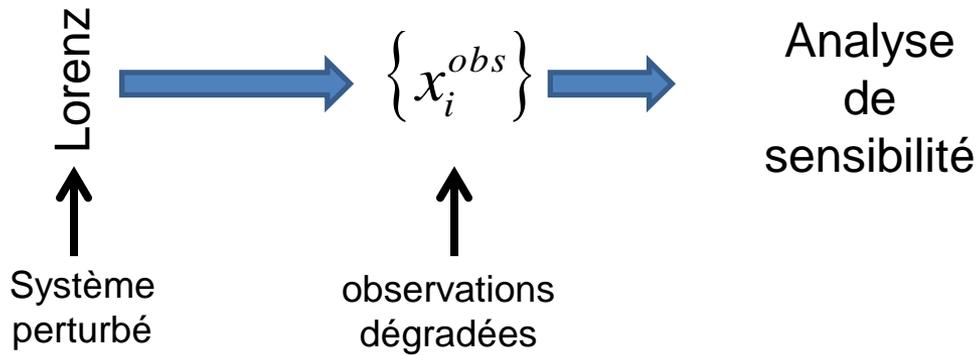


Schéma d'assimilation

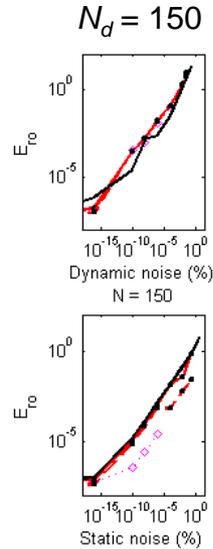
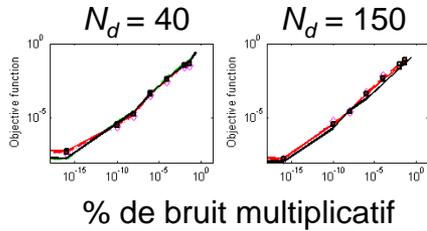
Trajectoire ajustée par le schéma d'assimilation de données



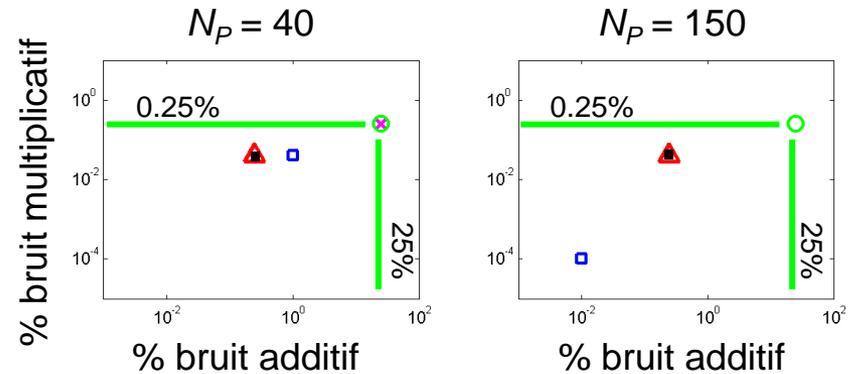


I. Capacité d'ajustement de la trajectoire

II. Capacité d'identification des paramètres



III. Robustesse au bruit



- x CMA-ES
- CMA-ES^{Adaptatif}
- CMA-ES + DA-1
- △ CMA-ES^{Adaptatif} + DA-1
- CMA-ES^{Adaptatif} + DA-2