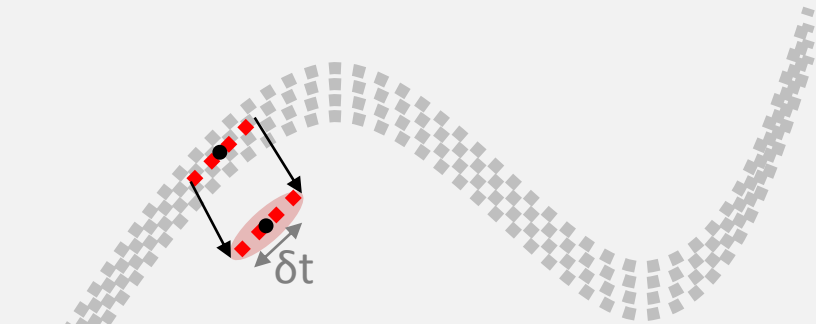
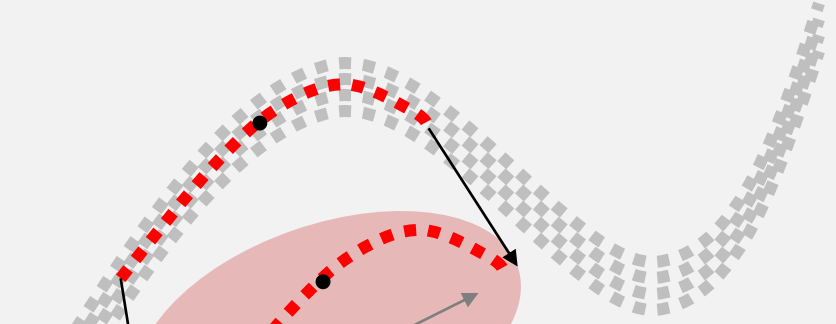


Setting δt

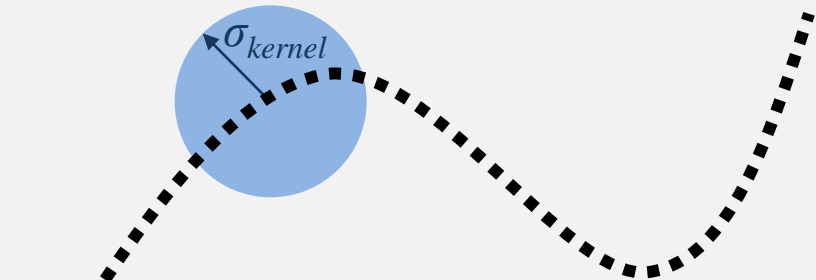


δt is sufficiently small
*Ellipse approximates
local cloud of data*

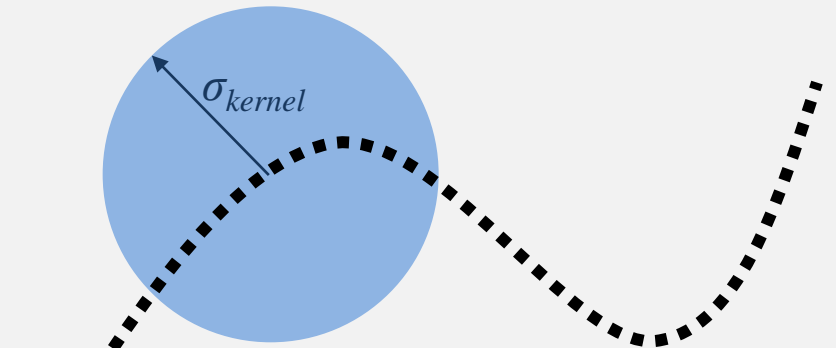


δt is too large
*Approximating
ellipse is inaccurate
due to nonlinearities*

Setting σ_{kernel}



σ_{kernel} is sufficiently small
*Curvature is small
within this radius*



σ_{kernel} is too large
*Curvature is large
within this radius*