

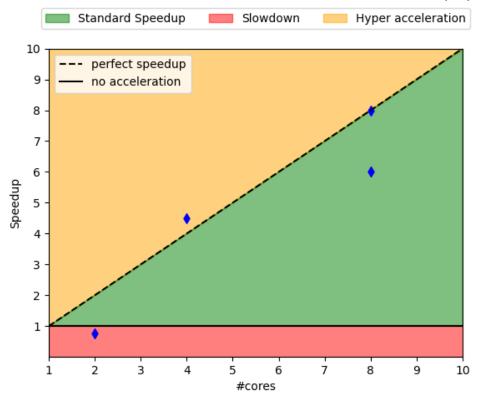


## Speedup and Parallel Efficiency

MOOC: Dopez vos calculs

## The Speedup

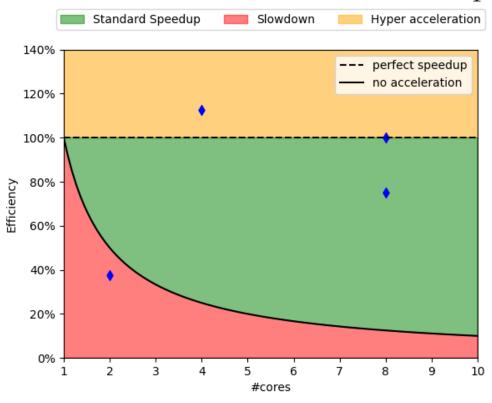
definition : 
$$Sp(p) = rac{t(1)}{t(p)}$$



MOOC : Dopez vos calculs

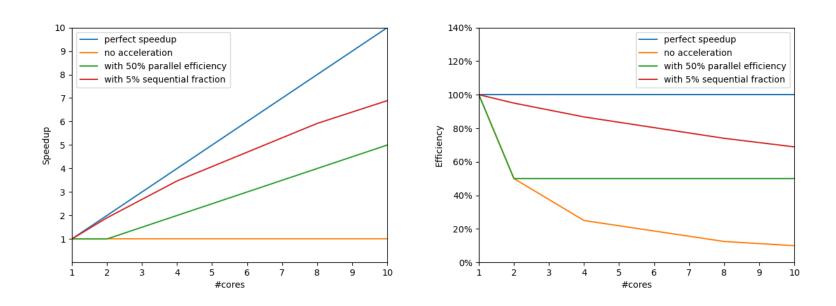
## Parallel Efficiency

definition : 
$$Eff(p) = rac{Sp(p)}{p}$$



MOOC : Dopez vos calculs

## Some examples



**Note:** The curves depend on the size of the problem being processed.