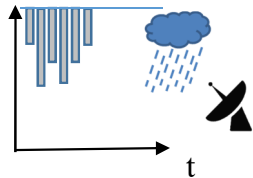


(a)

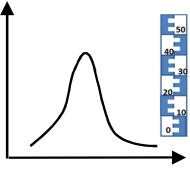
Precipitation

$P(t)$



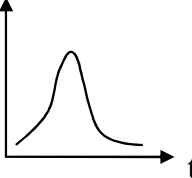
Water level

$W(t)$



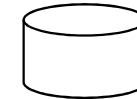
Discharge

$Q(t)$



(b)

$Q_{in}(t)$



$Q_{out}(t)$

Control

function  $f(t)$