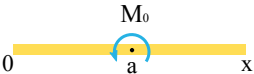
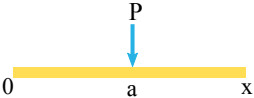
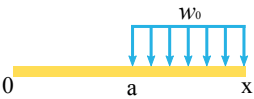
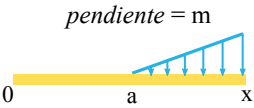


Mecánica de Materiales
Funciones de discontinuidad

Pedro Jorge De Los Santos

25 de marzo de 2017

Carga	Función de carga ($w = w(x)$)	Fuerza cortante ($V = - \int w(x) dx$)	Momento flexionante ($M = \int V dx$)
	$w = M_0 < x - a >^{-2}$	$V = -M_0 < x - a >^{-1}$	$M = -M_0 < x - a >^0$
	$w = P < x - a >^{-1}$	$V = -P < x - a >^0$	$M = -P < x - a >$
	$w = w_0 < x - a >^0$	$V = -w_0 < x - a >^1$	$M = -\frac{w_0}{2} < x - a >^2$
	$w = m < x - a >^1$	$V = -\frac{m}{2} < x - a >^2$	$M = -\frac{m}{6} < x - a >^3$