Feb. 11th m	$a_{x} = \frac{d(cmv_{x})}{dt} \iff F_{x} = \frac{dP_{x}}{dt}$
feb. 11th $P_x = momentum in x-direction = mV_x$	dt dt
Towns of de	
In general, dp = Fret	
Suppose that Fret is constant	
Firetat = AP	
Impulse=Fretat, or more generally Impuls	se = Fact dt
•	
If Fret = 0, then AF = 0. The total moments called the Law of Conservation of Momentum	um of the system does not change. This is
called the Law of Conservation of Momentum	<mark>n.</mark>