	Date:
- Multiplying veetors.	
à. b = lal 161 Cord	
· for non-zero vectors	
· id Coso = 0 vector	Pg. 21
are perpeneticular.	4
· Ost product.	,
A.B = AB COND	
A.i = A CosO = Aze	
A.B: AxBx + AyBy + AzBz	1
2067	-
· Veetor Product.	
axb: ab sin o	hall the state of the state of the
ixj=k ixk=j jxk=i	433
AxB: (AyB2 - AzBy): + (AzBx -	Anb2); + (Anby
The second secon	- Ay 820 k
	S Lad a cond
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and the	0

	Date:
Projectile Motion	
- Types:	
11	\
Horizontal:	· Force due to gravity
· Velocity = const	· Vertical comp charges with time
Vxf = V Col	
Vyf = V SinD-	g.t.
- Equations:	
X - compt:	Y-compt:
Xf= x; + Vxit	yf= Y; + Vy; - 12gt)
	Vyf 2= Vy; 2 - 2g sy
	Vyf = Vy; - gt
Vectors:	
Vxi = Vi Coso	Vyi = Vi Sin O
Equation path = g = C	tan 8.) n = - gx2
	× (V B COS (V ₀)
Horizontal Range:	R = vo2/g Sin 200
Max height:	h= Vi3 sin2Oi
The state of the s	29