## SECTION 11

## sps ld1 P

(SECTION 10 WAS for PREUM IT DEBRIEFING)

#### ANNAMEMENTS

- · MY GENERAL: NO HOU DÍSCUSSION UN EMAIL
- · NO TA ON MORIDAY (I'LL BE @ PERIMETER WETITURE)
- · OFFICE HRS @ USUAL TIME UN MATT CLICHE
- o feel free to use madificated AT will ( PRINT work)

### BIG PICTURE

RETARDED POTENTIALS FINITE INFORMATION TRAVELS & THE SPEED of LIGHT w finite speed of light (+ causality)

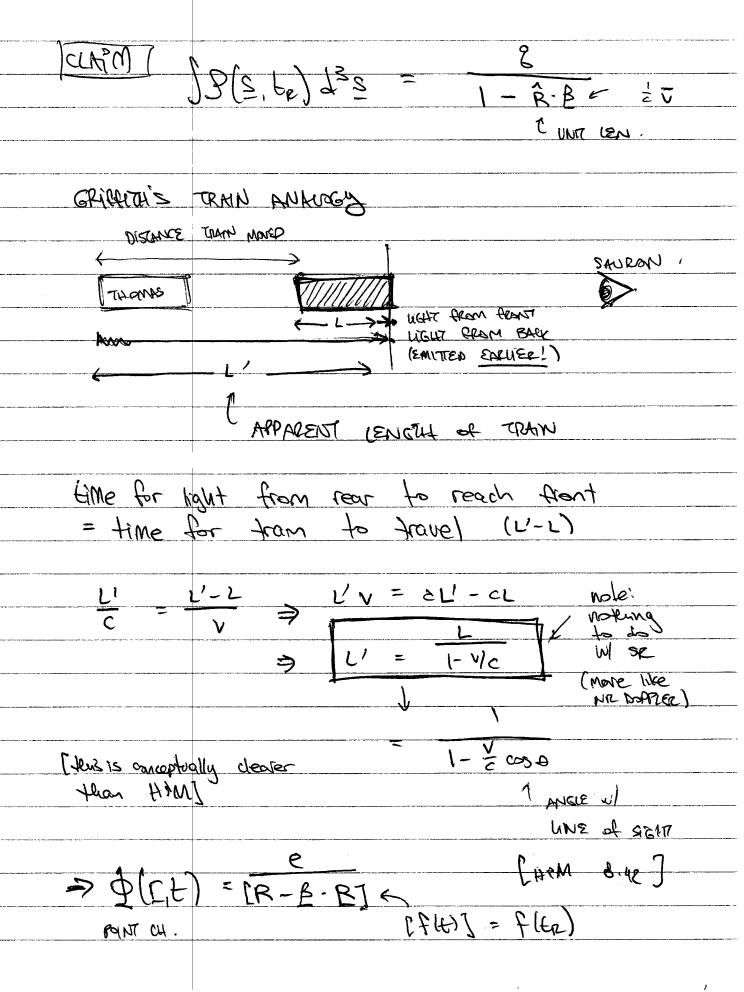
> > SPECIAL PELATIVITY IS BUILT INTO EM! YOU SHOULD KEED BY EYE OUT B= YC OF Y= JI-B

X2 = - L.L + C2F2

(BTW: CONSIDER 2=1 } TAPING 50 replacing c's @ THE END)

ALL THIS RETARDED SOUTH: JUST THUK ONB

Carifficats \$10.3 RETARDED SONAR POTENTUAL CLAIM: 9(3, 6+ R/c OBSSRUATION POSITION 3 TIME TIME DEPENDENT FIND & GR A POINT OWNER, INTERPRET THE WEIRD CARTORS POINT CHARCE: B(3,t) -9 S(3) ( [8(1) - 3) 80: 23 WILL THE B(3) R IN DENOMINATIVE -> [ T - [ (tr) ( ) & the 19(s, Er) d32 GNES &, PIGHT? No: WE PHOTOGRAPHING A SHEET WHICE MONING IT BIC YOURS NOT SAMPLING THE SYSTEM (2) A FIXED TIME, BU GET A SMEARED POUPE! P(s.tr) d3s EUANATES P @ DIRECTUT TIME).



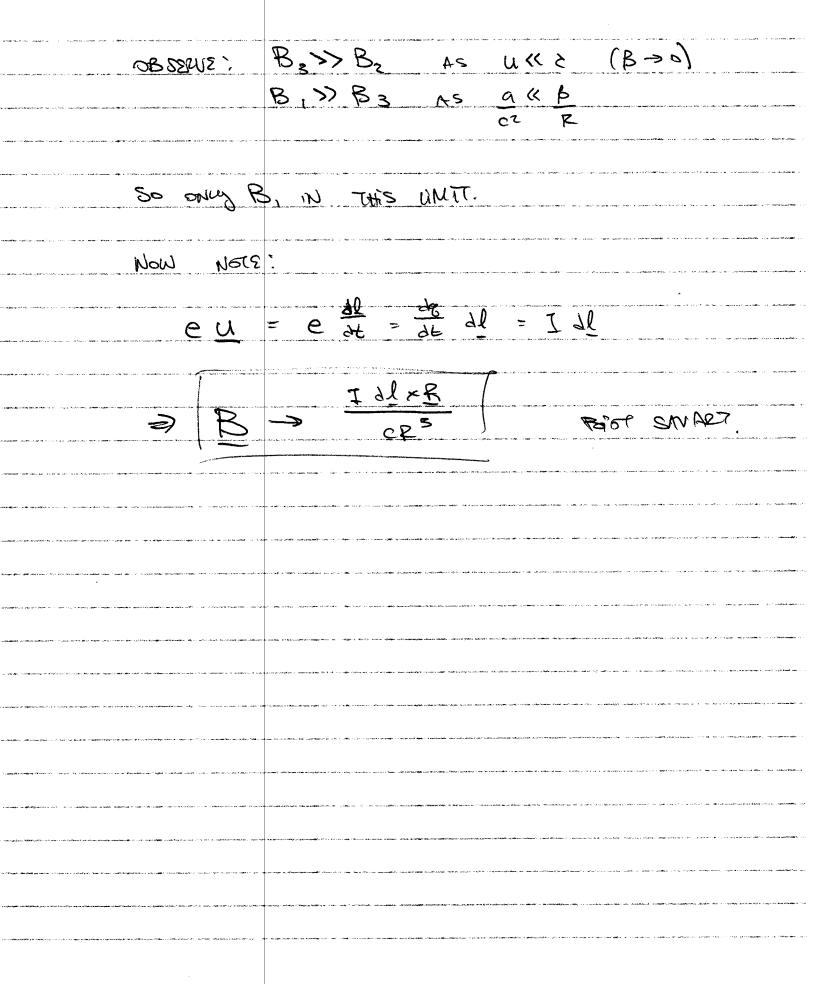
CONCEPTUALLY TURES ALL NICE.
A is completely purposed?
The state of the s
D COOR 70000 5700 T- 1000 (CI) -
A GOOD TEATH GAS LO MORK CHRONEH:
7
DETERMINE LA BRATICIE
MODING E CONSTANT VELOCITY
(BRIF "1-3)
[calt) = yt]
1201
$R =  \Gamma - \Gamma_0(4) $
A R
tr = t + c wl t=te!
31
$\frac{1}{2}\left(\frac{1}{2}-\frac{1}{2}\right)^{2} = \left(\frac{1}{2}-\frac{1}{2}\frac{1}{2}\right)^{2}$
SOWE FOR LR (SET C=1) (=> V >B)
tp2-2+to + t2 = r2-2(r.v)to + 42 to2
(1-12) fr 2-5 (f-(c.v)) fr + (f2-12) =0
[1, 1, 1, et ] = 5 (f. (i.s.)) Eb + (f1) = -
tr = 2(f-c.n) + 1/(f-c.n)2 = 2/(f-n2)(f2-12)
tr = (1-v2)
The authors Francis ? mishing
TWO SOUTHERS: [RETURNOS] } ADVANCED
I MESS CAUSAITU

Be N=0: FE = F = 1/2 MARY SON? WAR RETURDED THUS MINUS  $\Rightarrow \rho_{5} = \frac{1 - \Lambda_{5}}{(f - L \cdot \Lambda) - \sqrt{(f - L \cdot \Lambda)_{5} + (1 - \Lambda_{5})(\Lambda_{5} + \Gamma_{5})}}$ HOW TO RESTORE ¿s: Everything shows BE A LIMS. So:  $V^2 \rightarrow \beta^2 = V^2/c^2$ r > r/c

# ( steady state

COMPARE	SIFTE OF	CA-82	a de la composición d La composición de la
	aan kan sa marayi ishaan nadaanda ah sa mada sa mada sa mara sa		i gaja <del>andanasanda e</del> anda a saa ah a
	***	obliais to me	and the second s
-2 /AU CA	N'7 DO THIS	WI THE E ? B	GELDS
DIRECTU		Management of the State of the	
→ BUT:	र्थ व्ह ग्राप्त	Not Actually A	BAD HOROX
11 200 1 64			and the state of t
H7M 4-61 =	QUASISTA 9 C	APPROX BR Line-day	p rat:
	,, P.A		austrus of particular for the particular and the second and the se
E	189 2°	c <sup>2</sup> R	And the second section of the second section of the second section of the second section of the
504	-		and the second control of the second
	COULDINB	FARADAY	and the large transfer definitions are a set of the form of the large transfer definition of
The second secon	0000	and the second s	
	The second secon		
usmital to	Franklas) on	ED) fiers:	and the second s
	naan ay	and the control of th	er i kansanda asa an <del>da ajaga sama da</del> n er palana, da er er <mark>lima da e</mark> lektrikole.
	13 [9]?	and a still a state of the stat	131
	d s R2	CR CF	8127
	and the second		e de la companya de l
2			waas a way abas sadhaysa saqara waxiishaan ayyada windi sada wada dada a
S → S(b)	= S(tz) + (S	W	ta)(ta-t) <sup>2</sup>
Syland	\	(P/c)	and the state of t
	and a supplier of the property of the supplier		OARONE)
		age is also per a demonstrate on the electric or described to the electric described to the elec	Company and the second of the
SIMILARIUS		w/ J expanded	about te
1M ME	SC4792 ED	agy, sou also seno, seponyo neu sala no o song Process refer o le . Marie Mosel o sembles o Mariedo e de Consedence el Mariedo el Mariedo el Mariedo el Mariedo e de Consedence el Mariedo el Mar	er og sammer av en viskers amalle i viver skrive viskers vigstalente skrive i amerikkeller omfattet i

SANTON CHECK: for a POINT CHARGE, THE POTS/ PIECES ARE CAUED VENDED - WIECHTET 43M 8-2: SHOW THAT WW B GECD REDUCES TO BIOT-SHART IN APPROPRICTE UMIT. HONEGUZAUNSCIC VICC > B>0 tow Accel. acc uc/R (#3M B.En)  $\left(\begin{array}{ccc}
(\cancel{B} \times \cancel{U})(1-\cancel{B}^2) & (\cancel{a} \cdot \cancel{N}) & (\cancel{B} \times \cancel{N}) & \cancel{\alpha} \times \cancel{N} \\
+ \cancel{S} & \cancel{R}^2 & \cancel{C}^2 \not\models^2 R
\end{array}\right)$  $e \left\{ \begin{array}{c} B \times R \\ R^{3} \end{array} \right\} = \frac{(a \cdot R)(B \times R)}{c^{2} R^{3}} = \frac{a \times R}{c^{2} R^{2}}$ (~ B/R2) 83 Ba



SIN for COMPARISON of THE
COURSI) STATIC PIEUSS TO THE JOHNMUNCO FEIDS
THAT THE OPRESCIPANS ORCH C THE Q
of ACCELERATION TERMS
ACCELERATIONS CHARGES GNE RADIATION
eg. PLANZ WAVES (WE NEVER THYCED ABOUT
345 30AM 72UG - 392338 3458
POINT THAT ONCE YOU WAVE A PLANE
MMS IT april Baloce (128et)
CF B fizio in No PROPRIEM.
PAOT - SANART TERM BOSSN'T GUE RADIARION.
OSTACES SSSW2 DO
BUN: EN N X B
SO FOR BOTH E PR
THE RADIATION TERMS & WE YR
GBNEXBN 1/RZ
SURFACE AREA ~ RZ . s.t.
ENERBY IS CONSELVED FOR THE SE BYYS.
P = 15. n 22 x   a2 (

