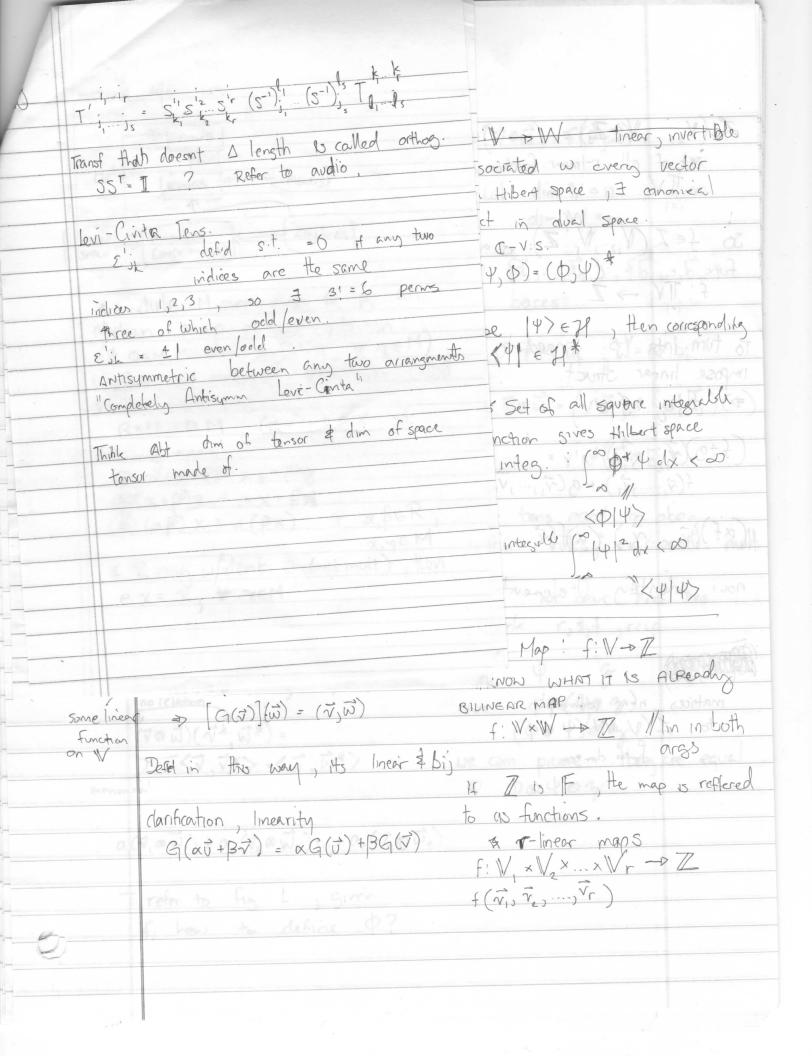
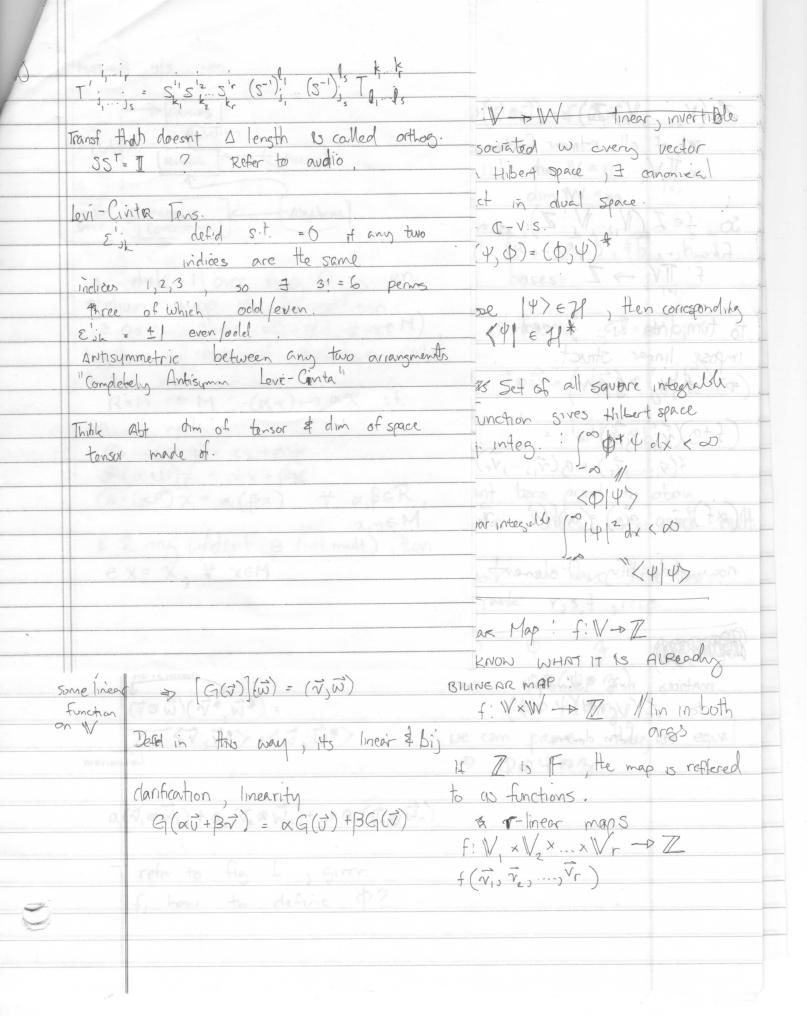


	VACUOH PIPA TOM ALL
	Tensorial transf rule under Δ of basis
マーマーラ	- NICO
	$(a')^{\frac{1}{2}} = (s^{-1})^{\frac{1}{2}} a^{\frac{1}{2}} s_{k}$ //(151) tens
$\vec{e}_i = \alpha_i \vec{e}_i'$	$\vec{e}_i' = (a^{-1})_i'$
ei - uici	j trans as 5 as (0,2) tens
and the second s	i trans as s aij (0,2) tens i trans as s a'j (2,0) tens
	6.30.450.11
	Suppose we have To jump of the (5)
. 5	vels depend on besis
Lin operator	11 PHYS
Lin Fans	11 marx How is T' jk related (10) Ve VIA
AT = W	is contrarariant = transform as S
	T' jh = Sig (S-1); (S-1) T mn
(w1 w2 w3)=	(12 /3) now lets make arbitrary index (0) = (5) A
((r-indices)
	Time (r,s) - tensor
	Timis (s-indices) to ex) 3-dim -> 3 ^{r+s} components
Suppose Fra	ne+ (e,) . DOM
	1 5 1 5 2 1 5 3 1 1 1 1 2 3 1 1 (-2)
	$\langle \hat{e}_{n} \rangle$
マーマーぞ;	9 (a); e; = (a); e; = (a); e;
AF) = A(v'E	(a)2-(5-)10,55 (A=5-10)
	(0), (2), (3)
	1 v'e = v'o e = 1 v'a e - 1 v'e e e a le
41318	or tracely that would have by the
20011	OI ALL ADIRE
	(5)(5)= (5)
	1° 0° 0° 10° 10° 10° 10° 10° 10° 10° 10°
	(h h h e l e l h h h
	N = 10.11 ()
	we resource the trans parties.
	en invertible .



		VACUOY PRA TON ALL
マーマーで	= \(\gamma''\) \(\hat{e}'_i\)	Tensorial transf rule under 1 of basis
$\vec{e}_i = \alpha_i \cdot \vec{e}_i$	$ \vec{e}_{i}' = (a^{-1})_{i}^{j}$	$(a')^{\frac{1}{2}} = (s^{-1})^{\frac{1}{2}} a_k s_k $ /(1,1) tens
		j trans as 5 a; (0,2) tens i trans as 5-1 a'j (2,0) tens.
Lin overator		Suppose we have Tike
Lin Fans	11 MATH	How is Tik related (10) Value
A7 = W		i is contravariant = transform as S T' in = Si (S-1) (S-1) T mn
(W, M, M3)= (1 v ² v ³)	Now lets make arbitrary index Timir (r-indices) Timir (s-indices) (r,s) - tensor (s-indices) (x,s) - tensor (x,s) - tensor (x,s) - tensor (x,s) - tensor (x,s) - tensor
Suppose France	$\begin{pmatrix} \vec{e}_1 \\ \vdots \\ \vec{e}_n \end{pmatrix}$	(s-indices) # ex) 3-dim > 3 ^{r+s} components
v=v'e; (v)=A(v'e,)	10n/	(4) 6, (5) 0, 5, 16,
	2)-(5)0() (1)	(a)) - (s-), a, s, (a)
asika	Now! stick in	1d, A) = 13[0, A) = 13[0, A = 13, A]
	(3)(10)= (3	1º0 0 101
		(1) (1 . 2 . 2) - (2 . 2 . 2 . 2)
		we come the trans makes



		And the second s
The state of the s	e de la reco Francisco Para Para Para Para Para Para Para Par	VACUOH PHYTAME CHILL
アーヤー:	γ''ē'	Tensorial transf rule under Δ of basis
		$(a')^{\frac{1}{2}} = (s^{-1})^{\frac{1}{2}} a_k s_k $ /(1,1) tens
ei = aiei	$\vec{e}_{i}^{\prime} = (\alpha^{-1})_{i}^{1}$	End 1600 100 End 100 E
The Committee of the Co	The Control of Control	j trans as 5 a; (0,2) tens i trans as 5-1 a's (2,0) tens
	The state of	i trans as 5" a's (20) tens
	with the second	A(E) = a(d) (a equatate) ac (as) are ale
	11 - 1	Suppose we have Tojkong was depend on basis
Lin operator		
Lin Fans	11 MATH	How is T' in related (10) We WA
AT = W		i is contravariant = transform as 3
Men - m		T' jh = S' (S-1) (S-1) T mn
N' W2 W3)= (v' v2 v3)/	Now lets make a bitrary index
4 1	actors Science	(syphora)
	TEATE TAR	Times (s-indices) (r,s) - tensore (r,s) - tensore (x,s) - tensore (x,s) - tensore (x,s) - tensore
Suppose France	2 + (ē,)	(s-indices) # ex) 3-dim -> 3 components
		(5-1) 0 6 6
	(en)	2 10 1N 1 61
v=v'e; (v'e;	teat last	(a) [6] = (5), (1, 5), [9]
AF) = A(v'E)) A VEY	(61)2-(5-1)0,55
		(0);=(5,)10,28
	800/60	The Annual Control of
المهاددية		wis jobs by col
	(5/10)= (5	The state of the s
	134 21	100000
		10 0 0 10 (1 2 2 1) (1 2 2 2 1)
	Y: 60. Y	
		The response for thems makety
		are invertible