Pool #2!	1 000
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pos s.l. A-1 -p(4).	, 0
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-! If (r-X) T+XT is investige, then its is	
must be of some form;	ו "נפינ
((a)]-(= s]+t]	5
So'.	8
Try to solve!	
(SZ+LZ(C-D)(LZ+LZ))=Z.	
$\sim 10^{-1} M_{\odot}$	
E Miller & Inequality: 621.	42-151
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b= # of ODE N	· • //
2 rank (W) = V. (5	
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Lemme: The incidence masher of a symmetric de is varnal. (i.e. NNT = NTN)	
Proof!	
De have NJ = N1167 = (-1727 - KJ, and	inhawari - 1
JN - 11 N = 1(KD = KJ)	
S, UI= EU, &	<u> </u>
Then,	
DX + T(L-2) K = TUKK	nd ()
= (Cr-N)Z+ XI)N	I will (.)
= NVEN	A 7. V
And since N invertible N'UNNET = N'NNN => NN	$U^{7}U=7$
	7.
Defly (Order)	, , , , , , , , , , , , , , , , , , ,
. The order of a symmetric design is N=K-X=r-	Simple -
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Thus: NN = NT + XT	the state of the s
- Little that the said is the said and a series of the said of the	
Incerem let (V, B) be a symmetric doign with	4 - 1
- Cu, k, N. For any 2 books, a, BEB, a+B, we have (an B1 = 1.	λγ./ 
- Mars (0/1) = 1.	101
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Pinite tields Pomer	
· Existence: Fa Emile Field GF(q) with of claments	(coder of)
190 0-14 (0 parise)	0.2
(p is comed to "charecteristic")	
· Uniqueness! Ing 2 lields with the same at of	Clonents
care isomorphic.	
· Construction Git(a) = Box / fors, where forsette	<i>5-3</i>
is irreducible of degree d.	
Example:	
To another GF(4), we need fix) (-BIX)	meduaide
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Elements of GF(4)! 0,1, 2, 2001.	. "
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