

Dear Mr. Beavan,

Sorry for bothering u again. The Reason i didn't read most of the Research on Frankl's Conjecture is i was Afraid that i couldn't come up with a original idear after doing so. I will read it. Now i want to present you an idea that i had.

The Idea:

At First i wanted to create a Large Set of Families with my Computer and run statistics over it. I thought maybe i could derive some insight this way. After creating a small Program that can do that i didn't do the next Step and run it. I Paused. I felt this is not very promising. I still wanted to do it but later. My approach to get Progress is a bit chaotic. After a while i thought a little bit about the Method i coded. It takes a Set of Sets and creates a Family. That can be done with every Sets of Sets. I decided that a Set of Set named S that creates Family F should be named a basis of that Family F . There are often many Basis of a Family. If u can't leave out any Set without changing the resulting Family F , then i would call that the minimal Basis of that Family. For example the minimal Basis of every Power-set is it's Singletons. Also a Basis of Pair wise disjunctive Set's means every Element of the created Family is abundant. After i found that out i decided that maybe be inquiring the Basis i get more Results. A Map possible Bases seems a way to do this. I coded a little program that does that by assigning n -Numbers to a Basis of n Sets. Problem is it can't accurately distinct between every distinct Basis. But if the Basis is "Coherent" or the Basis has less than 4 Set's it's fine. I will extend that Program soon to come up with a Format for all possible Basis. I found that a every Element that is abundant in the Basis is abundant in the Family. That doesn't mean necessarily that the other Elements aren't. What do think about this approach.