

23 January 4/2014 Schur's

Number of denumerants for dioplantial equation of the strength of the strength

x = (a, + ... + c, an f x = n

number of dinumerant tuples:

 $\frac{(n-1)}{(2\pi n)} \frac{1}{(n-1)} \frac{1}{(n-1)}$

) find me such dunumerant (NP-hard 2) Permute (1)

la Spinnovan 17/4/2014

> Coursing bash collisions is recessary
> for clustring similar data into a single
> Collision of chain (opposite of collision reistand)
> (DNA similarities and vincedata similarities thus finding a multipartisan vertige with no two 2401-2014 Candidate getting equal vote January 24 NP-Complite.

need to monimize Collisions) Collision Ristant Hash Function is a one-way function such fod- any mondomized polynomial kinds algorithm finds Collision with means probability (f(x)=f(4)).

as following. Hesticked partitions with combe on Clansified

O Set of partitions in which no part briends

(2) Set of partitions in which no part is less than to (more Collision Free (when mapped to mare Collision Free (when hand take)

(2) is more Collision - Manimizing Culon mapped

Min parthony P(N-1, M, n-M). 23/21 25 26 27

1 parts and each part of size al-most N P(N, M; n) = P(N, M-1, n) + decumena relation for ()

27-01-2014 January. 27

	16	9		5	
24	17	10	w	Z	Fel
25	18	11	4	7	oru
26	19	12	5	X	February
27	20	13	6	T	
28	21	14	7	F	2014
	22	15	00.	2 0	