

K r z f n

b r

Ins r r

rkl r n

I h rsi h r , d ss i h di rli nd Arb i

1	In r d i n	12
2	r mbl	1
	2.1 bri l r h	1
	2.2 r i l D l n ri n l i n	1
	R l d r	14
4	Al ri hm	1
	4.1 r rr n ss	1
	4.2 M ss m l xi	1
	r	14141414141414141414

l d rk

In h s rs s r l l n r ls r in n d nd

¹¹–**Spanner** [4] ns r s s nn r i h n r b nd **7** nd ns n
 n d d r m s **11.** h b in d r h is n l n r nd h l ri hm
 n ds n d n i s 4-h -n i hb rh d.
PuDel [] r d s s b r h hi h is l h s b r h

4 l ri h

1. r **k** ll siz d n s r nd **n**,

2. s l r h n n m n h sh r s d ,

. r r m xim l s n **s** m n s:

() i **|s| = 1**, h n l **nx** nd **ny** b h in id n d s n m l is nd
 n r l is , r s i l , r m h m n . I i h r **nx** r **ny**
 h s lr d b n s l d, s l h h r d ;

4 2 M m l xi

$\mathbf{N}_{\mathbf{PDT}}(\mathbf{u})$ b h m ss m l xi \mathbf{PDT} r in h n i hb rh d
N d \mathbf{u} \mathbf{G} . Firs , \mathbf{rPDT} n ds m s \mathbf{n} m ss s r h \mathbf{PDT} -n i hb rh d.
N x , h x in n d s nds m s \mathbf{k} m ss s i s n i hb rs s h h r
h h ir nn i n. \mathbf{k} ns rs m b nd h r r \mathbf{k} 2. E r n
his \mathbf{k} n i hb rs n ds l l i s \mathbf{PDT} -n i hb rh d nd h n , \mathbf{k} $\mathbf{N}_{\mathbf{PDT}}(\mathbf{u})$.
h ll in i n . 4 1 d(h s) 2 . 1 d(r fl i ns) .4 d[(in)2

$$z1 . \quad \mathbf{1d}[(\mathbb{N})1. \quad \mathbf{2}1 \quad 1 \quad 41 \quad 2 \quad (-1.4 \quad 41] \quad /R \quad 4[(\quad d[4 \quad /R \quad 1)$$

30

FBI

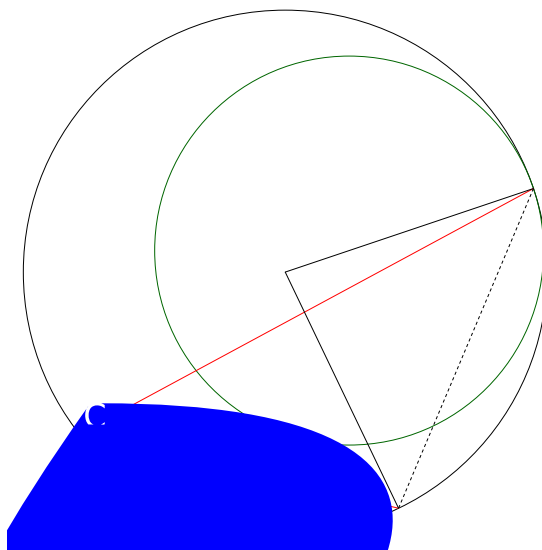
CA

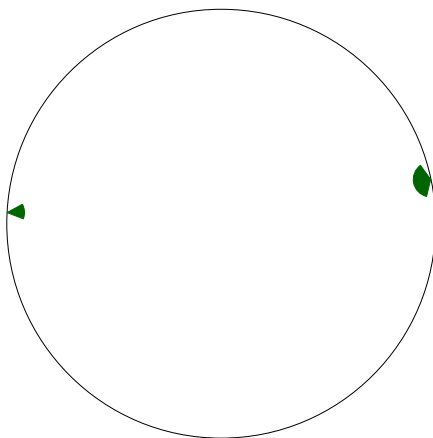
LOS ANGELES

01

01

CA





r

- [1] Ron Rubinfeld, H. Kishor, Amit N., and I. N. M. -
E. in B. nl ss. r in Wi h. r n d D li r in Wir l ss ns r,
Ad H., nd A. r N. r s. *IEEE/ACM*