Scan   A5152

Daniel Sleator
    One page
    One seq

5152

The protruded partition sequence appears on p. 230 of my paper "The Fibonacci lattice," Fib. Quart. 13 (1975), 215-232.

I'll send you a copy of a paper of mine with lots of sequences related to plane partitions.

From SPADE.PC.CS.CMU.EDU!sleator Wed May 15 15:04:09 EDT 1991
Received: by gauss; Wed May 15 15:04:32 EDT 1991
Received: by inet.att.com; Wed May 15 15:04 EDT 1991
From: Daniel Sleator <sleator@SPADE.PC.CS.CMU.EDU>
Date: Wed, 15 May 91 15:04:09 EDT
To: Neil Sloan <njas@research.att.com>
Cc: Bob Tarjan <ret@cs.princeton.edu>
Subject: rotation distance reference
Status: R

The reference is:

   Sleator, D., W. Thurston, R. Tarjan, ''Rotation distance,
   triangulations, and hyperbolic geometry'', {\it Journal of the
   American Mathematical Society}, Volume 1, Number 3, July 1988.

I'll send you a copy of the paper. We proved that it is 2n-6 after a
while, but we didn't compute the exact point where the proof becomes
valid. It seems to be true starting from n=11. The sequence is given
on page 654 of the paper, although it is off by 2 (in the value of n)
because we formulated it there in terms of diagonal flips in a
triangulated polygon.

                    Danny

From SPADE.PC.CS.CMU.EDU!sleator Wed May 15 15:20:26 EDT 1991
Received: by gauss; Wed May 15 15:21:08 EDT 1991
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From: Daniel Sleator <sleator@SPADE.PC.CS.CMU.EDU>
Date: Wed, 15 May 91 15:20:26 EDT
To: Neil Sloane <njas@research.att.com>
Subject: clarification
Status: R

You're right, the values have been established up to and including
n=16, then there is a gap of unknown size, then our proof kicks in.

Have you seen the paper that I wrote with Guy Jacobson and David
Applegate about the game of sprouts? The sprouts conjecture is that
the first player wins in sprouts if the number of spots is 3, 4, or 5
modulo 6. Search has proven this conjecture up to n=11. I'll have my
secretary thrown in a copy of this paper also. (We're trying to
figure out where to publish it. Any suggestions would be
appreciated!)

                    Danny

From reeds Thu May 16 20:47:17 EDT 1991
Status: R