

April 2008 M⁶ Problem

There is a sequence of numbers (written as a column):

1
11
21
1211
111221
312211
13112221
...

Figure out what the next number in the sequence is.

Solutions can be submitted until midnight April 30, 2008 to Irina Kogan via e-mail iakogan@ncsu.edu . Solutions submitted before noon April 4, 2008 are considered to be received at noon of April 4.