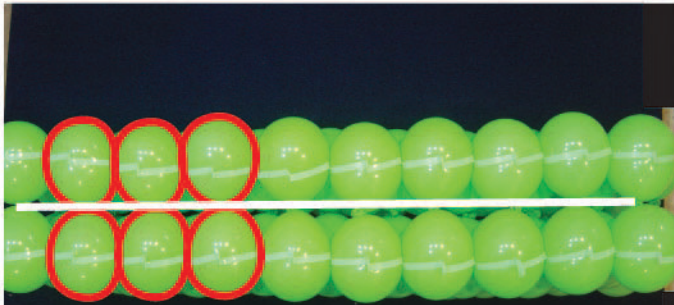
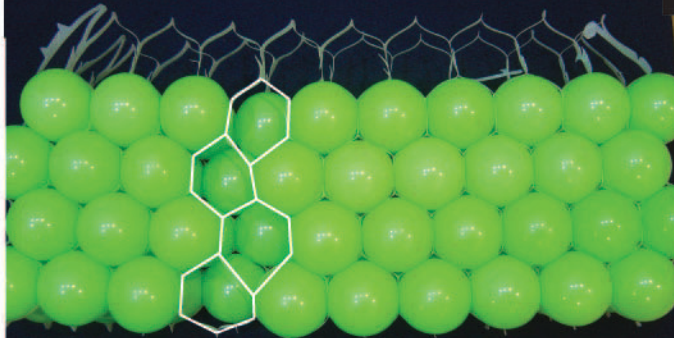


Rouse Double Layer Wave

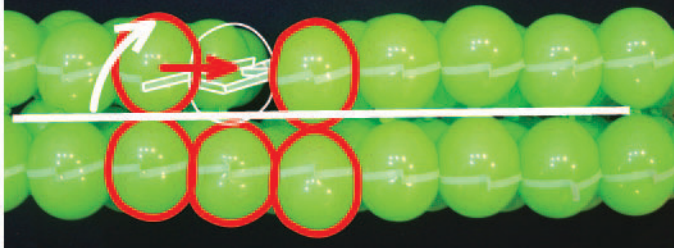
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Clemson, SC USA - Tel: 877-GO-ROUSE
File: double_layer_wave_01 Updated 8/26/2008



The normal Rouse double layer has the pairs of connected balloons (red ovals) standing perpendicular to the plane of the overall sheet of balloons (white horizontal line)

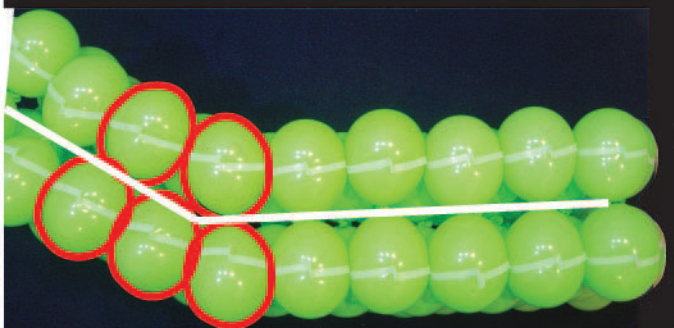


When we take out a row of balloons on one layer it leaves a line (outlined in white) of apertures empty.



This view shows a missing balloon outlined in white.

We can make the overall sheet of balloons bend in the direction of the white arrow by moving the top row of balloons over one spot (see the red arrow)



This is the kind of result we get (to the left).

The more of the rows we pull out and move over on the same side, the more the flag (or other double layer design) will bend.

When we alternate sides, the flag will create a wave pattern as shown below.

