

Abstract Submitted  
for the BPNMC21 Meeting of  
The American Physical Society

**High-speed air can shield gravitons<sup>1</sup>** HAN QUAN, ZHU WULI,  
Huairou District NO.1 high school Physics Interest Group — Graviton is an imaginary particle that transmits gravity in physics, and it has not been found yet. High-speed air can or shield the graviton, so that the gravitational force between objects is reduced, and the phenomenon of relative reaction force appears. The wind speed inside the waterspout can exceed 200km/h. According to the theory of waterspout formation—a "vacuum" is formed inside the tornado and the waterspout is formed under the action of atmospheric pressure. The height of the water column of a waterspout should be about 10 meters, but what we have observed is that a tornado can support a water column of several hundred meters or even thousands of meters. Why? The high-speed air shields part of the gravitons and makes the water's gravity smaller. It is a waterspout that can form a water column much greater than 10 meters high.

<sup>1</sup>High-speed air can shield gravitons

Han Quan  
Huairou District NO.1 high school Physics Interest Group

Date submitted: 25 Jan 2021

Electronic form version 1.4