

1154-N5-2675

**J. Victoria Truman\*** ([jtruman@vt.edu](mailto:jtruman@vt.edu)). *Affect Toward Unusual Mathematical Tasks in Mathematically Experienced Adults on the Autism Spectrum.*

In this report, I examine the responses by mathematically experienced adults on the autism spectrum given paradoxical or otherwise unusual mathematical problems. I compare their interest and overall perspective on such tasks against results from students in the general population. Interview results combined with previous data suggest that adults on the autism spectrum are more likely to have positive views and enthusiasm for paradoxical mathematical tasks, and less likely to show rejection of the tasks or their results. Analysis of possible reasons for showing these differences and implications for teaching and further autism-related research are presented. (Received September 17, 2019)