

1154-M5-673 **John M. Harris*** (john.harris@furman.edu), Department of Mathematics, Furman University,
3300 Poinsett Highway, Greenville, SC 29613. *In Search of a Card Trick.*

The speaker will present an original card trick — one whose motivation was a commercially available trick called “Detection.” The work in creating this trick was as much fun as the trick itself, and some parts of this journey will be described. As is the case with much of mathematics, the investigation led to some interesting questions and some ideas for future work. (Received September 09, 2019)