

1125-01-375

Daniel S Silver* (silver@southalabama.edu), Dept. of Mathematics and Statistics, ILB 325, University of South Alabama, Mobile, AL 36688. *Mathematical Induction and Nature of British Miracles.*

The term “mathematical induction” is often attributed to Augustus De Morgan, who used it casually in an encyclopedia article of 1838. In fact, the term is older. We describe how mathematical induction inspired Charles Babbage as he conceived his calculating engines. (Received August 30, 2016)