1070-01-66   **Thomas Drucker*** (`druckert@uww.edu`), Dept. of Math. and Computer Sciences, University of Wisconsin–Whitewater, 800 West Main Street, Whitewater, WI 53190. *News About the Binomial Theorem in Victorian England.* Preliminary report.

From the Sherlock Holmes stories of Arthur Conan Doyle to the operas of Gilbert and Sullivan the binomial theorem is used as an example of mathematical sophistication. Since there was nothing new about the theorem as an item for research, presumably this reflects a change in the curriculum at schools which authors like Doyle and Gilbert would have attended. This talk will look at some of the ways in which the binomial theorem would strike a chord in the readers and theatre goers of late nineteenth–century England. (Received January 23, 2011)