

Mathematics 2200H – Mathematical Reasoning

TRENT UNIVERSITY, Fall 2017

Assignment #11

Now for something a little different!

Due on Thursday, 30 November.

Please read *A Contribution to the Mathematical Theory of Big Game Hunting*, by H. Pétard*, which appeared in *The American Mathematical Monthly*, Vol. 45, No. 7 (Aug. – Sep., 1938), pp. 446–447. It should be available in electronic form from the JSTOR archive via Bata Library.

1. Devise three new and original ways to (ab)use mathematics to capture a lion in the Sahara desert. *[10]*

SOLUTION. Many people have made and published additional methods since the paper mentioned above was published, some of them quite ingenious and/or funny. A number are available online if you need additional examples to stoke your inspiration. :-)

* This is apparently a pseudonym of Ralph Boas.