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*Mathematical techniques for circumventing query-set-size control in a statistical database*

This talk will discuss the method of attacking a statistical database by the use of a tracker. Different types of trackers will be discussed, and it will be shown that one of the commonly used techniques, namely query-set-size control, for protecting a statistical database can easily be subverted by the use of a tracker. The simple mathematics employed makes this interesting and timely topic one that can be successfully incorporated into a mathematics liberal arts course for non-majors.