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STRUCTURE OF THE AUTOMATED CELL SUPPRESSION SYSTEM

Submitted by Gordon Sande[1]

Invited paper

Summary

The design of an automated cell suppression system requires attention to two sets of issues. These are the issues of the mathematical algorithms used and the supporting utilities used. In the ACS system the mathematical algorithms are associated with the determination of the cell sensitivities, the various algorithms for determining the complementary cell suppressions and the procedures for confidentiality auditing. The supporting utilities address the the issues of data acquisition, table structure, suppression pattern manipulation, manual intervention and return of data to other systems. The solutions to these problems, together with the motivation for some of the choices, for the ACS system will be discussed.

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