



# STI Repository

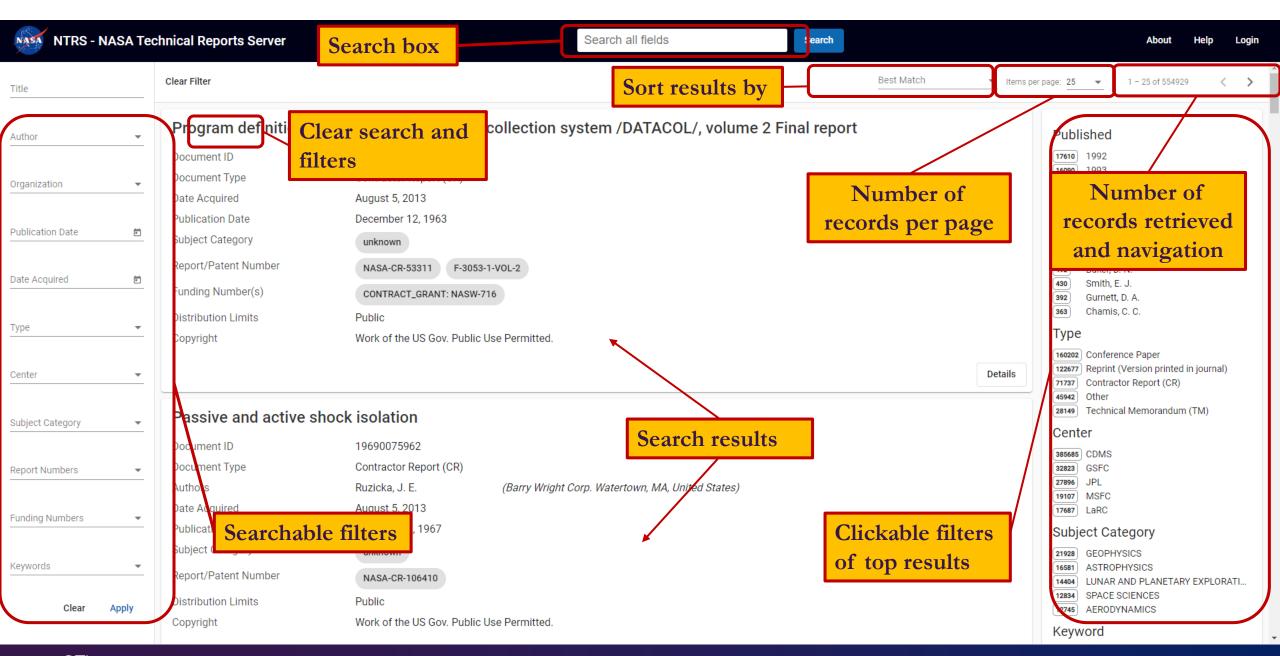
An Overview

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# Anatomy of the STI Repository





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#### Threats to Resiliency of Redundant Systems Due to Destructive SEE

Destructive SEE pose serious challenges for the reliable use of COTS devices in space systems. We used system-level modeling to determine SEL rates that would likely compromise system reliability, resilience and capabilities. We then assembled a representative dataset of COTS CMOS parts and used nonperametric statistical techniques to assess the threat posed to redundant systems by destructive SEE.

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