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Nota di contenuto	Introduction -- Design features of the 747-400 electric power system (892227) -- Diagnosis concept for future vehicle electronic systems (2004-21-0010) -- Hierarchical component-based fault diagnostics for by-wire systems (2004-01-0285) -- Vehicle level approach for optimization of on-board diagnostic strategies for fault management (2013-01-0957) -- A hierarchical reasoning structure to support aerospace IVHM (2011-01-2665) -- Solid state power control as a network backbone for aircraft system health management (2012-01-2233) -- Integration issues for vehicle level distributed diagnostic

reasoners (2013-01-2294) -- Design and evaluation of plug-and-play enabled IVHM architecture (2015-01-9001) -- Health ready components-unlocking the potential of IVHM (2016-01-0075) -- IVHM development and the big data paradigm (2013-01-2332)

Sommario/riassunto

Integrated vehicle health management (IVHM) is the unified capability of a system of systems (SoS) to assess the current or future state of the member system health, and integrate it within a framework of available resources and operational demand. As systems complexities have increased, so have system support costs, driven by more frequent and often enigmatic subsystem failures. IVHM strategies can be used to mitigate these issues by taking a Systems of Systems view.
