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   Sommario/riassunto   Abstract: Enabling the construction of high-performance, scalable,
                        modular, parallel systems with low system integration cost is
                        discussed. Complementary use of physical connectors and cables,
                        electrical properties, and logical protocols for point-to-point serial
                        scalable interconnect, operating at speeds of 10-200 Mb/s and at 1
                        Gb/s in copper and optic technologies, is described. Keywords: low
                        control, encoding schemes, OMI/HIC, packet routing, parallelism,
                        point-to-point serial scalable interconnect, protocols, routing fabric,
                        serial links, serialization, silicon integration, switch chip, transaction
                        layer, wormhole routing.