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Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Introduction to virus origins and their role in biological evolution -- Molecular basis of genetic variation of viruses : error-prone replication -- Darwinian principles acting on highly mutable viruses -- Interaction of virus populations with their hosts -- Viral fitness as a measure of adaptation -- Virus population dynamics examined with experimental model systems -- Long-term virus evolution in nature -- Quasispecies dynamics in disease prevention and control -- Trends in antiviral strategies -- Collective population effects in nonviral systems.
Sommario/riassunto	This book explains fundamental concepts that arise from regarding viruses as complex populations when replicating in infected hosts.