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(57) Abstract :
A method for intelligent and predictive routing of data in communication networks utilizing machine learning algorithms to ensure optimal data pathways. The method continuously learns from historical and real-time traffic patterns, proactively adapts to diverse network architectures, anticipates vulnerabilities, and scales with the growth of the network. This results in enhanced efficiency, security, and adaptability of the communications system. Accompanied Drawing [FIGS. 1-2]

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