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(57) Abstract :
The invention presents a dynamic method for providing Quality of Service (QoS) in data networks. By categorizing and prioritizing data packets based on their intrinsic needs, the method ensures optimal data flow across diverse applications. It is adaptable to real-time network conditions, seamlessly integrating across different architectures and offering enhanced security provisions. Leveraging machine learning, the method continually refines QoS allocations. Designed for current and future network technologies, it incorporates user interfaces for personalized experiences and promotes energy efficiency. The invention's modular design ensures its applicability in networks of varied scales. Accompanied Drawing [FIGS. 1-2]

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