**q:** the number of sources (Parmar & Unhelkar, 2009)

**Q Method:** a structured approach to studying subjectivity that is quantitative in its use of factor analysis and qualitative because it concentrates on the perceptions, attitudes, and values from the perspective of the person who is participating in the study; is self-referential and communicable by the participants; and relies heavily on qualitative methods in developing the Q instrument (Wilson, 2009b)

**q-Ball Imaging (QBI):** the method for the reconstruction of the orientation distribution function from diffusion measurements taken on a sphere in q-space based on the Funk-Radon transform (Karampinos et al., 2009)

**Q-learning:** a reinforcement learning technique that works by learning an action-value function that gives the expected utility of taking a given action in a given state and following a fixed policy thereafter (Gaweda, 2010)

**q-Space:** the reciprocal vector space of average spin displacement (Karampinos et al., 2009)

**q-values:** a means to measure the proportion of FDR when any particular test is called significant (Islam et al., 2009a)

**QAM:** see *Quadrature Amplitude Modulation*

**QoC Parameter:** a metric that is used to indicate the quality of context information (Manzoor et al., 2012)

**QoS:** see *Quality of Service*

**QoS Adaptation:** adaptation of the behavior of one or more network protocols according to the prevailing network conditions so as to achieve QoS in the network (Seah & Tan, 2008)

**QoS and Transactional-Aware Selection:** a selection process based on the transactional properties where QoS criteria are embedded (Cardinale et al., 2012)

**QoS Architecture:** the structure or structures of a software system, which comprise a QoS specification component, a QoS provision component, and QoS management mechanisms (Wu & Sun, 2009)
**QoS in Grid Resource Management:** a set of measurements and differentiations on the collective behavior of services in grid resource management (Wang, Du, & Cheng, 2009)

**QoS Meta-Model:** a model that specifies which quality concepts can be used in QoS-based service descriptions, what are their relationships, how they should be described, and in which order or structure (Kritikos & Plexousakis, 2012)

**QoS Metric:** a set of parameters to describe and measure the application QoS characteristics such as performance, cost, reliability, security, and fidelity (Wu & Sun, 2009)

**QoS Model:** a model that comprises QoS categories, attributes, and metrics also containing the relations between these QoS entities and usually follows a specific structure (Kritikos & Plexousakis, 2012)

**QoS Modeling:** the process of building performance models to identify the impact of system parameters and application parameters on application QoS (Wu & Sun, 2009)

**QoS Routing:** a mechanism that encompasses finding and selection of cost-effective paths for IP traffic flows that may assure the required QoS level, relying on the information of network resource availability (Stojanovic & Acimovic-Raspopovic, 2008b)

**QoS Service-Related Attributes:** the dedicated q-BGP attributes for the usage of a given QoS service (Boucadair, Levis, & Morand, 2009)

**QoS-Based Service Description Alignment:** the process of aligning QoS-based Service Descriptions (i.e., QoS Offers and Demands) according to their equivalent QoS attributes and metrics (Kritikos & Plexousakis, 2012)

**QoS-Based Service Matchmaking:** the process of matching QoS demands with QoS offers according to a specific matchmaking metric, where QoS demands are descriptions of the desired QoS service performance and QoS offers are descriptions of the offered QoS service performance (Kritikos & Plexousakis, 2012)

**QoS-Related Information:** data expressed in terms of one-way delay, inter-packet delay variation, loss rate, DSCP marking, or a combination of these parameters (Boucadair, Levis, & Morand, 2009)

**QQ:** the most popular instant messaging service in China offered by Tencent Inc. As of September 2008, QQ had 865 million registered accounts, of which 355 million were active. Besides instant messaging, Tencent also offers game, chat, and blog services. (Tai, 2010)

**QRS Complex:** a structure on the ECG signal that corresponds to the depolarization of the ventricles (Szilágyi, Szilágyi, & Benyó, 2008a)

**QS 9000:** a quality standard utilized by the automotive industry to ensure the quality of its and its supplier’s components, subsystems, and finished products (Anwar, 2009)

**Quad Display Unit:** a video unit that merges four different video signals into one composite signal. All four video images are rescaled and thus lose a bit of quality in the process. (Høegh et al., 2008)