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Stamatelatos, George

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Title:	**Quantum: Ένα Δίκτυο Ομότιμων Κόμβων για Κατανεμημένους Υπολογισμούς με Ενισχυμένη Ιδιωτικότητα**
Year:	2009
Author:	Γεώργιος Σταματελάτος, Γεώργιος Δροσάτος, Παύλος Εφραιμίδης
Abstract:	In this paper, a new platform, called Quantum, for distributed computations among independent agents, is presented. Quantum is capable to operate on infrastructures that are formed by massive numbers of agents communicating over the Internet, and is tolerant of adding/removing peers. Furthermore, the new platform is intended to support the privacy of the peers which participate in each distributed computation. In the proposed solution we have chosen a decentralized network architecture and exploited technologies of peer-to-peer networks.

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