

# Framework of Emotion for the Singularity in a Social Context

Toshihiko Yamakami

IoT Business Unit, ACCESS, Tokyo, Japan

Toshihiko.Yamakami@access-company.com

**Abstract**— The technological singularity is the point when the level of intelligence realized through computing exceeds the level of human beings. Accelerating technological evolution approaches the point where exponential growth reaches an overwhelming point of intelligence. The term singularity has grown through decades of research of artificial intelligence. There has been a wide range of reactions to the concept of singularity, from super-optimism to super-pessimism. For many people, it is daunting to think that computers will supersede human beings. The management of social reactions will become an important social challenge in the coming decades until a social consensus is formed in regard to this technological trend. The author discusses a framework that deals with social education towards technological singularity.

**Keywords**— Singularity, social context, social perception, artificial intelligence, super-human, literacy



**Toshihiko Yamakami** received the B.E.I.S. and M.S.I.S. from University of Tokyo, Japan, in 1982 and 1984 respectively. He received the Ph.D. degree in reliability information system engineering from Kagawa University, Japan, in 2007. He was engaged in International standardization of systems in the application layer and mobile Webs in ISO, W3C, and WAP(OMA). His research interests include service engineering, gamification, and organizational knowledge and change management. He is a specialist at ACCESS, Japan. He has been a member of the ACM since 1982, and is its life-time member. He obtained the IPSJ Yamashita Award in 1995. He published 160 international conference papers.

