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Keynote Lecture

The Capability Approach and Growing Concern of Data Breaches

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Abstract. This lecture examines the validity of the capability approach presented by Amartya Sen from the viewpoint of ongoing social informatization, which is characterized by the high level of machine calculation enforced by the ICT such as AI and IoT and by growing concerns about individual privacy and data breaches. In light of the personal information necessary to implement the capability approach, particular systems must be developed to ensure that privacy concerns are ameliorated.