

Abstract: The present paper studies the problem on multi-dimensional mechanisms in which the buyer's taste and budget are his private information. The paper investigates the problem by way of a canonical mechanism in the traditional one-dimensional setting: function of one variable, the buyer's taste. In our multi-dimensional context, this is an indirect mechanism. The paper characterizes the optimal canonical mechanism and shows that this approach loses no generality with respect to the direct (multi-dimensional) mechanism.