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## On the Problem of Optimal Stimulation of Demand

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**Abstract**—We study the problem of optimal stimulation of demand based on a controlled version of Kaldor's business cycle model. Using the approximation method, we prove a version of Pontryagin's maximum principle in normal form containing an additional pointwise condition on the adjoint variable. The results obtained develop and strengthen the previous results in this direction.

Keywords: optimal control, Kaldor's business cycle model, Pontryagin's maximum principle.

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