central bank action designed to stimulate creation of additional units of money, the actual creation of the increments, and receipt of those increments by persons and enterprises who spend them on consumer or capital goods. It is this part of the monetary theory of the origin of business fluctuations, as was brought out in discussions from the floor, that bears some resemblance to what is called Kevnesian theory. But when increments to and decrements from the money stock were produced by the banking system without prior action by a central bank, as was the case in the United States during half of the period covered by the Friedman and Schwartz study, the character of the stimulus to the banks and the lags in the process were necessarily somewhat different. This, together with recognition of the role of anticipations and the timing of their impact, suggests that further analysis, with a scrutiny of the circumstances surrounding the various business cycle turning points, might throw much light on the variability in the length of the lag which these authors have found between monetary policy actions and business cycle turning points.

Friedman and Schwartz's estimate of the

size of what they call the money multiplier the ratio of the cyclical percentage change in income associated with the percentage change in the stock of money — indicates that the cyclical variation in the income velocity of money is of approximately the same magnitude as the cyclical variation in the stock of money. This conclusion, together with the observed leadership of the change in the stock of money, implies a lag in cyclical changes in velocity behind business cycle peaks and troughs. But surely velocity can hardly lag as far behind the cyclical turning points as the stock of money leads, at least when the latter is measured by the change in the rate of change. Let us hope that Friedman and Schwartz, in their forthcoming volume on trends and cycles in the money stock, will include an analysis of the trends and cycles, particularly the cycles, in income velocity and the timing relationship between such cycles and those in the stock of money. Pursuit of this question should provide a considerable degree of enlightenment on the sequential process and the direction in which causal factors operate throughout the course of business cycles.