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SAKONPAN NIAMPRADIT : THE ANALYSIS OF TOTAL FACTOR PRODUCTIVITY GROWTH OF INDUSTRIES IN THAILAND. THESIS ADVISOR : ASSST. PROF. PAITON WIBOONCHITIKUL, Ph.D. 231 pp. ISBN 974-637-556-3.

The purpose of this research is to study the total factor productivity growth of industries in Thailand. The industries were disaggregated at the 3 digit TSIC level, and the method is based primarily on the growth accounting approach.

The results of this study show that the rate of total factor productivity growth during 1979-1991 was rather low (about 0.31 percent). The contributon of total factor productivity growth to output growth was only 3.29 percent. However, the total factor peoductivity growth increased from 1979-1986 to 1986-1991. The contribution of total factor productivity rate to output growth of the industrial sector was increased from about 1.25 percent in the first half of the 1980s to 7.18 percent in the latter half of the 1980s.

The Total factor productivity growth rates in exporting industries were higher than the total productivity growth rates of import competing and non-import competing industries. This study concludes that Thailand should increase growth rates of total factor productivity in order to enhance competitiveness in the industrial sector.

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