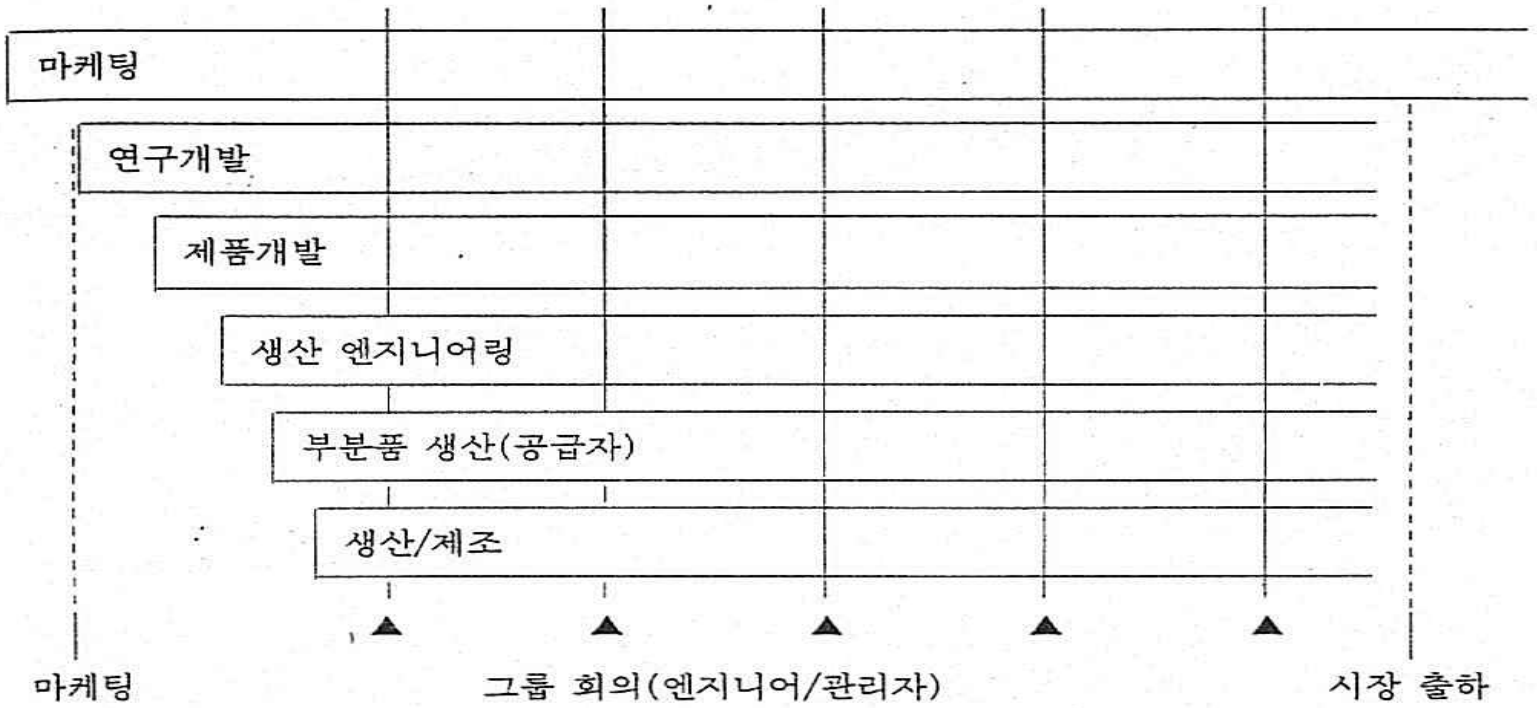


(1992)⁸⁾

< 1 > Nissan



1 2 (technology - push) (need - pull)

(simple linear sequential process) . 70 80 3

(coupling model) 가 가

1, 2 3 가

80 4 (Parallel process, 'Rugby'

approach. < 1 >) . 80 R&D (, CAD FMS

) (Vertical Cooperation) (Joint Venture,

Strategic Alliance) 가가

90 5 (SIN: System Integration and Networking model)

(expert system) 가

3. 가

가 가 (competitive technology propriety technology)

) (fundamental scientific knowledge) /

「先 後 」 . 80 가

가

R&D(1 R&D), . Roussel et al. (1991)¹²⁾ R&D(2 R&D) 3 R&D

Production , ,). 가 , , (R&D, Engineering,

가

가 '82~'89 /

가 scale - up 가 가

가 가 가

() 가 가 가 가

가 (serendipity) 가 가 가 「先 後 」

1)

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