

Figure 2: Estimated Growth Response for Diffusion of AI

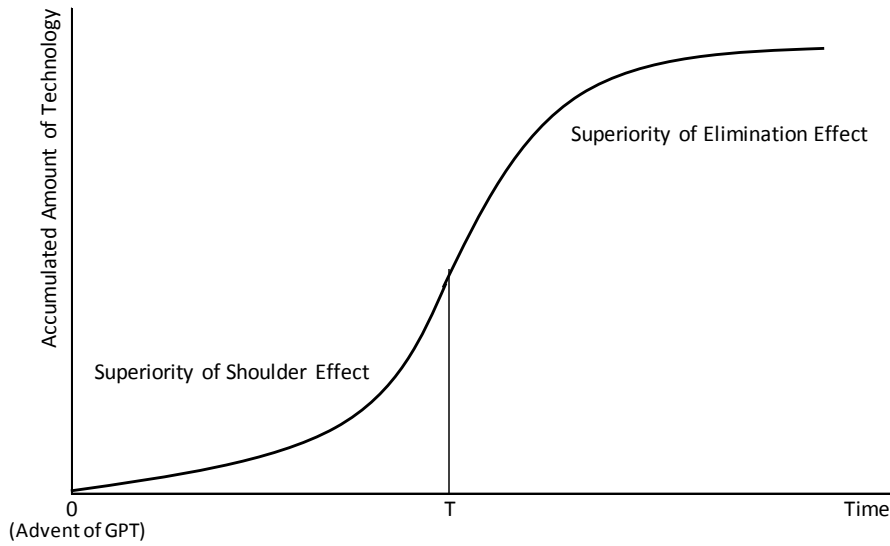


Figure 3: Transition of Accumulated Amount of Technology

Source: Future of AI and Economy written by Inoue Tomohiro

prosperous year by year. However, real life isn't like that. Instead, the Elimination Effect cancels the action of Shoulder Effect. We can confirm this fact by referring to Figure 3.

Namely, after emergence of GPT at time 0,

Shoulder Effect is predominant at initial stage and accelerate the accumulation of technology. But Elimination Effect surpasses Shoulder Effect after passing at time T and the accumulation of technology decelerate until the emergence of next GPT.