$\mathcal{A}$:

Premise 1 There will be AI (created by HI and such that AI = HI).

Premise 2 If there is AI, there will be AI^+ (created by AI).

Premise 3 If there is AI^+, there will be AI^{++} (created by AI^+).

$\therefore$ **S** There will be AI^{++} ($= \mathcal{S}$ will occur).