作业-4

在ND中证明:

$$(1) \vdash_{ND} (\neg A \to A) \to A$$

(3)
$$\vdash_{ND} ((A \lor B) \to C) \leftrightarrow (A \to C) \land (B \to C)$$

$$(5) \vdash_{ND} \neg (A \to B) \leftrightarrow A \land \neg B$$

$$(7) \vdash_{ND} (A \land B) \leftrightarrow A \land (\neg A \lor B)$$