

hw-4 (2023/10/10)

姓名:

学号:

p.19: 13-(a) Find statement forms in **conjunctive normal form** which are logically equivalent to the following:

$$(a) \quad (((\neg p) \vee q) \rightarrow r)$$

Your answer:

p.26: 21 Suppose that $\mathcal{A}_1, \mathcal{A}_2, \dots, \mathcal{A}_n; \therefore \mathcal{A}$ is a valid argument form. Prove that $\mathcal{A}_1, \mathcal{A}_2, \dots, \mathcal{A}_{n-1}; \therefore (\mathcal{A}_n \rightarrow \mathcal{A})$ is also a valid argument form.

Your proof: