

Exercise. A variant of Exercise 2.2.9e.

§2.2

Use previously proven logical equivalencies (e.g., 1-12 from the §2.2 Handout) to prove the following logical equivalency. Clearly justify (e.g., say which logical equivalency you are using) your steps.

$$[(P \implies Q) \implies R] \equiv [(\sim P \implies R) \wedge (Q \implies R)] \quad (1)$$

Put your solution under the horizontal line.

Cut this one red sentence out and then put your answer here.