Exercise from properties of fuzzy logic 1.

Exercise 6.1 *Verify that the interpretation of*

$$A \underset{S}{\wedge} B = A \wedge (A \to B)$$

$$A \overset{S}{\vee} B = ((A \to B) \to B) \underset{S}{\wedge} ((B \to A) \to A)$$

in basic logic is min, max *for any choice of the continuous fuzzy conjunction.*