1047-06-45   **Aditya K Nagrath*** (`adnagrat@du.edu`), 7255 E. Quincy Ave. #307, Denver, CO 80237. *A Stone-Type Duality for Meet Semilattices.*

We generalize Priestley duality to arrive at a duality for an interesting category of bounded meet semilattices with two natural properties. The dual objects of the meet semilattices are a category of topological spaces endowed with a ternary relation called betweenness. As with Priestley duality, our duality results from what is known categorically as a full duality between the two categories in question. (Received January 19, 2009)

1