

Meeting: 1003, Atlanta, Georgia, AMS CP 1, AMS Contributed Paper Session

1003-44-501 **Minakshisundaram Rajagopalan*** (mrajagopalan@tnstate.edu), Tennessee State University, 3500 John Merritt Boulevard, Department of mathematics, Nashville, TN 37209, and **Taras Banakh** and **Oleg V Gutik**. *Admissible semilattice structures on compact spaces*. Preliminary report.

What compact scattered spaces admit a compatible semi lattice structure? WE give examples of some compact scattered spaces that do and some that do not admit a compatible semilattice structure. The Isbell space PSI does not admit such a structure. Some open problems are raised. (Received September 17, 2004)