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**Gerard J Buskes\*** ([mmbuskes@olemiss.edu](mailto:mmbuskes@olemiss.edu)), Department of Mathematics, University of Mississippi, University, MS, and **Karim Boulabiar**. *Disjointness preserving operators and their associated algebra homomorphisms*. Preliminary report.

In 1985, D. Hart proposed an abstract way to view the topological aspects of disjointness preserving operators on vector lattices. This strongly resembles the way in which lattice homomorphisms between spaces of continuous functions are allied to homomorphisms between topological spaces. In this talk, we discuss some recent consequences of Hart's approach. (Received September 16, 2005)