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In the study of modules, in (1) it was introduced a lattice structure as a generalization of meet-continuous lattices and quantales, and so we apply this to study a module through some associated frames. In particular, we give a module counterpart of the well known result that in a commutative ring the set of semiprime ideals, that is, radical ideals is a frame. In a recent work (2), we define semiprimitive submodules and we prove that they form an spatial frame canonically isomorphic to the topology of $\text{Max}(M)$. We characterize the soberness of $\text{Max}(M)$ in terms of the point space of that frame. Beside of this, we study the regularity of an spatial frame associated to M given by annihilator conditions.

References: (1) M. Medina Barcenas, L. Morales Callejas, M. L. S. Sandoval Miranda, A. Zaldívar Corichi. Attaching topological spaces to a module (I): Sobriety and spatial frames of submodules. *Journal of Pure and Applied Algebra* (accepted). (2) Medina M., Sandoval L., Zaldívar A. A generalization of quantales with applications to modules and rings. *Journal of Pure and Applied Algebra*, Vol. 220, No. 5, 1837 - 1857 (2015). (Received December 05, 2017)