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Iztapalapa, 09340 Mexico City, D.F., Mexico. *Prime and Irreducible Preradicals*.

In this talk we study prime preradicals, irreducible preradicals, surirreducible preradicals, prime submodules and diuniform modules. We present some relations between these concepts, using the lattice structure of preradicals. We give some characterizations of rings that have certain conditions on prime radicals and on irreducible preradicals. (Received February 19, 2004)