**عنوان مقاله:**

EXTENSION OF KRULL'S INTERSECTION THEOREMFOR FUZZY MODULE

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**خلاصه مقاله:**

In this article we introduce $\mu$-filtered fuzzy modulewith a family of fuzzy submodules. It shows the relation between$\mu$-filtered fuzzy modules and crisp filtered modules by level sets.We investigate fuzzy topology on the $\mu$-filtered fuzzy module andapply that to introduce fuzzy completion. Finally we extend Krull'sintersection theorem of fuzzy ideals by using concept $\mu$-adic completion

**کلمات کلیدی:**

$\mu$-Fuzzy filtered module, Fuzzy inverse system, Fuzzytopological group, Krull's intersection theorem