## On Duality for Minimax Fractional Programming Problem Involving $(\Im, \rho)$ -Convex *n*-Set Functions<sup>1</sup>

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We establish the sufficient optimality conditions for minimax fractional programming problem involving  $(\Im, \rho)$ -convex *n*-set functions and formulate one mixed type dual model to unify two parameterfree dual models (Wolfe type and Mond-Weir type) for the minimax fractional programming problem containing  $(\Im, \rho)$ -convex *n*-set functions, and we also establish the weak, strong and strict converse duality theorems.

KEY WORDS: Minimax fractional problem,  $(\Im, \rho)$ -convex, -pseudoconvex, -quasiconvex, duality

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