

The Hasse principle for multinorm equations

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Let K be a global field and L_0, \dots, L_n be finite separable field extensions over K . We consider the Hasse principle for the multinorm equation of the L_i 's over K . Especially we give a necessary and sufficient condition for the Hasse principle to hold when one of the L_i 's is a cyclic extension of prime degree. This is a joint work with Eva Bayer and Parimala.