

HEMIVARIATIONAL INEQUALITIES SYSTEMS AND APPLICATIONS

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Abstract. In this paper we treat hemivariational inequality systems. In certain case, this problem can be reduced to study a hemivariational inequality. Several applications are given as Browder and Hartmann-Stampacchia type results and Nash equilibrium point theorems.

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Key words. Hemivariational inequalities, Variational inequalities, Nash equilibrium points.

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