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## Pointwise Error Estimate for a Noncoercive System of Quasi-Variational Inequalities Related to The Management of Energy Production

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**Abstract:** This paper is devoted to the approximation by a piecewise linear finite element method of a noncoercive system of elliptic quasi-variational inequalities arising in the management of energy production. A quasi-optimal  $L^\infty$  error estimate is established, using the concept of subsolution.



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