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Characterizations of Weakly Sharp Solutions for a Variational Inequality with a Pseudomonotone Mapping

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Highlights

- Weakly sharp solutions of a variational inequality are described without gap function.
- Weak sharpness is succinctly expressed when its mapping is constant on its solutions.
- A pseudomonotone plus mapping is characterized.
- Weak sharpness is described by a function from a pseudomonotone plus mapping.
- Our main result turns out to extend several existing results with gap functions.

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