Monotone operators and some of their applications Cornel Pintea

Department of Mathematics, Babeş-Bolyai University, Cluj-Napoca cpintea@math.ubbcluj.ro

We expose several well-known applications of the Minty-Browder monotonicity. We also extend the class of Minty-Browder monotone operators to some generalized monotonicity which is accompanied by a certain application.