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Oscar Chacaltana* (chacaltana@ift.unesp.br), Charles St, Baltimore, MD 21218. *Defects of the 6D (2,0) theories and class-S theories of type E.*

We describe properties of the defects of the 6D (2,0) theories in the context of their compactification on Riemann surfaces. Some of these physical properties have interesting counterparts in the theory of nilpotent orbits. As an application, we construct examples of class-S (4D $\mathcal{N} = 2$) superconformal theories of type E. (Received September 10, 2016)