

# A correction to Proposition 1

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**Proposition 1.** *The following 4 statements hold:*

- (a)  $\vartheta_0(z)$  is either 0 or  $\infty$ ;
- (b)  $\varphi_0(z) = \infty$  if and only if  $\vartheta_0(z) = \infty$ ;
- (c) if (4) is feasible, then  $\varphi(z)$  is unbounded if and only if  $\varphi_0(z)$  is unbounded;
- (d) (3) is infeasible if and only if  $\vartheta_0(z)$ , or equivalently  $\varphi_0(z)$ , is unbounded.