

Addendum to “the p values in Figures 1-6”

A neural network based on the generalized FB function for nonlinear convex programs with second-order cone constraints

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- Note that Φ_p is shown to be differentiable on $(1, 4)$ in [32]. The differentiability of Φ_p is unknown outside the interval $(1, 4)$. Nonetheless, Φ_p is not differentiable for $p = 1$.
- The correct p values in Figures 1-6 should be as below:
 1. In Figure 1, $p = 1.1$.
 2. In Figure 2, $p = 1.1, \frac{3}{2}, \frac{4}{2}, \frac{7}{2}$.
 3. In Figure 3, $p = \frac{3}{2}$.
 4. In Figure 4, $p = \frac{4}{2} = 2$.
 5. In Figure 5, $p = 1.1, \frac{3}{2}, \frac{4}{2}, \frac{7}{2}$.
 6. In Figure 6, $p = 1.1, \frac{3}{2}, \frac{4}{2}, \frac{7}{2}$.