

## **Additional Citations/Informations ( Chapter-1 : Convex Functions and Optimization / Decision Sciences)**

1. Figure 1.1. to Figure 1.7 is generated using the mathematical software MAPLE
2. Figure 1.8 is self-drawn and is adapted from Figure 1 in Villani [12]
3. The figure associated with Example 1.4 is self-drawn and is adapted from K. Bryan and T. Leise [14]
4. The first part of the discussion in Section 1.3.2.1 is based on Chapter 10 in G. C. Calafiore and L. El. Ghaoui [29]. See also Boyd and Venderberghe [6].
5. Example 1.8 and Example 1.9 can also be found for example in Boyd and Venderberghe [6] and G. C. Calafiore and L. El. Ghaoui [29]
6. The discussion in Example 1.12 is based largely on Chapter 11 of G. C. Calafiore and L. El. Ghaoui [29] and on the monograph : L. Tuncel, *Polyhedral and semidefinite programming methods in combinatorial optimization*. Fields Institute Monographs, 27. American Mathematical Society, Providence, RI; Fields Institute for Research in Mathematical Sciences, Toronto, ON, 2010. See also Boyd and Venderberghe [6].
7. Proposition 1.1 can be found for example in Boyd and Venderberghe [6].

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